

Errata

Title & Document Type: 8920 Component Level Information Packet

Manual Part Number: 08920-90107

Revision Date: 03-17-06

HP References in this Manual

This manual may contain references to HP or Hewlett-Packard. Please note that Hewlett-Packard's former test and measurement, semiconductor products and chemical analysis businesses are now part of Agilent Technologies. We have made no changes to this manual copy. The HP 8920 referred to in this document is now the Agilent 8920. For example, model number HP8648A is now model number Agilent 8648A.

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Search for the model number of this product, and the resulting product page will guide you to any available information. Our service centers may be able to perform calibration if no repair parts are needed, but no other support from Agilent is available.

Component Level Information

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Component-Level Information Packet

A1

KEYBOARD

08920-60101

8920A COMPONENT LEVEL INFORMATION ERRATA

A1 Keyboard

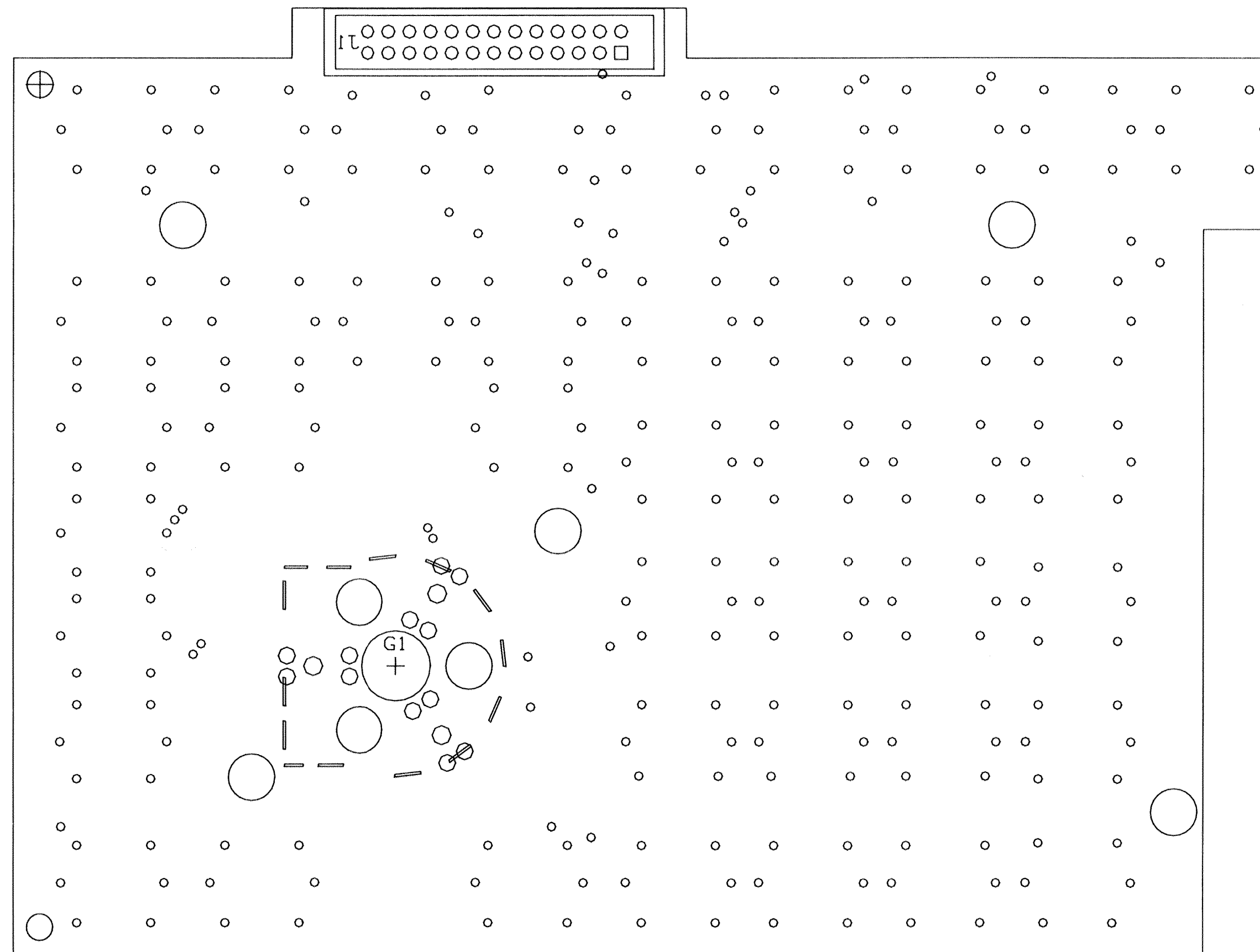
Add A1G1:

A1G1, 5061-4829, 1, GENERATOR PULSE, 28480, 5061-4829

Delete A1RPG1.

A1 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A1	08920-60101	1	KEYBOARD (New)	28480	08920-60101
A1	08920-60101-1	REF	KEYBOARD SCHEMATIC DIAGRAM		
A1	08920-60101-2	REF	KEYBOARD COMPONENT LOCATOR		
A1J1	1251-8248	1	CONN-POST TYPE .100-PIN-SPCG 26-CONT	28480	1251-8248
A1RPG1	5061-4829	1	GENERATOR, PULSE	28480	5061-4829
A1	0515-2126	3	SCREW-MACH M3 X 0.5 6MM-LG	28480	0515-2126
A1	1251-5595	2	POLARIZING KEY-POST CONN	53387	3518



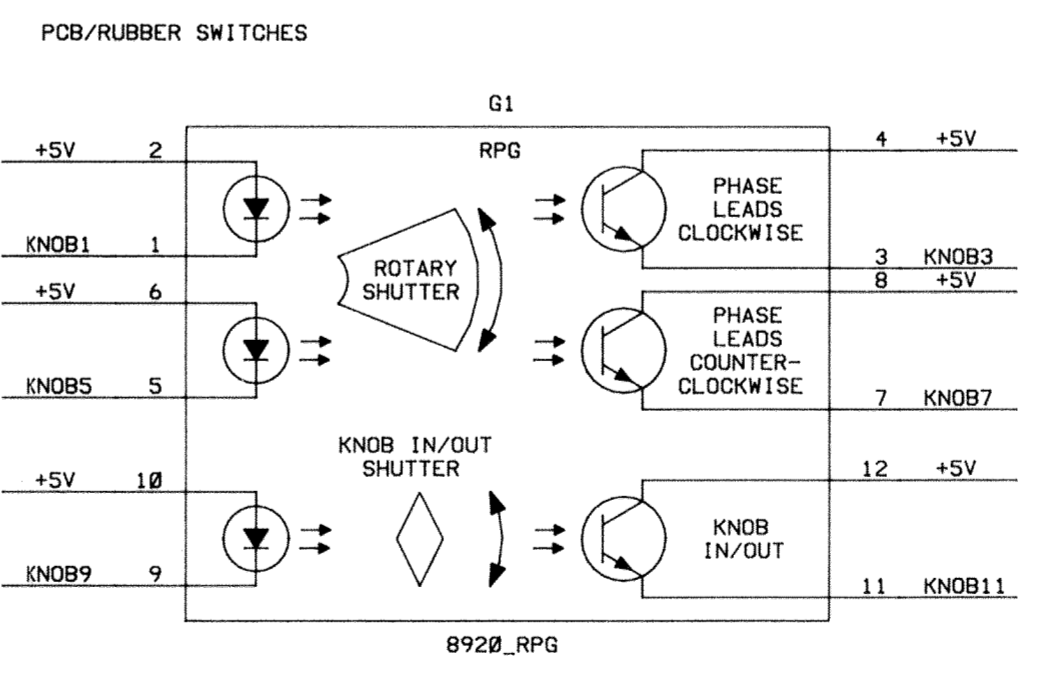
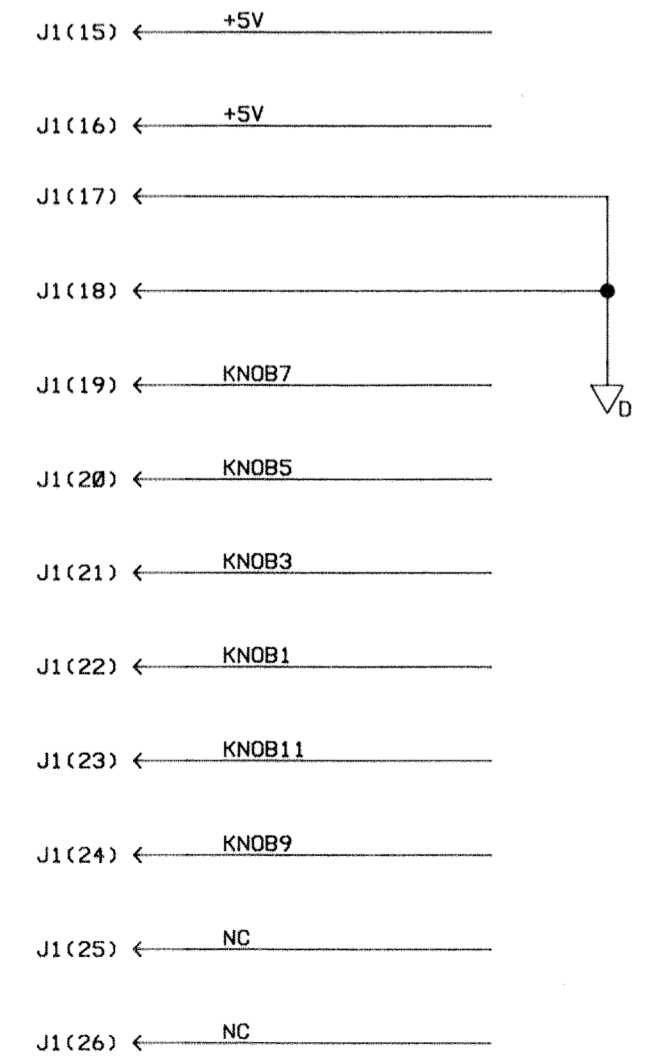
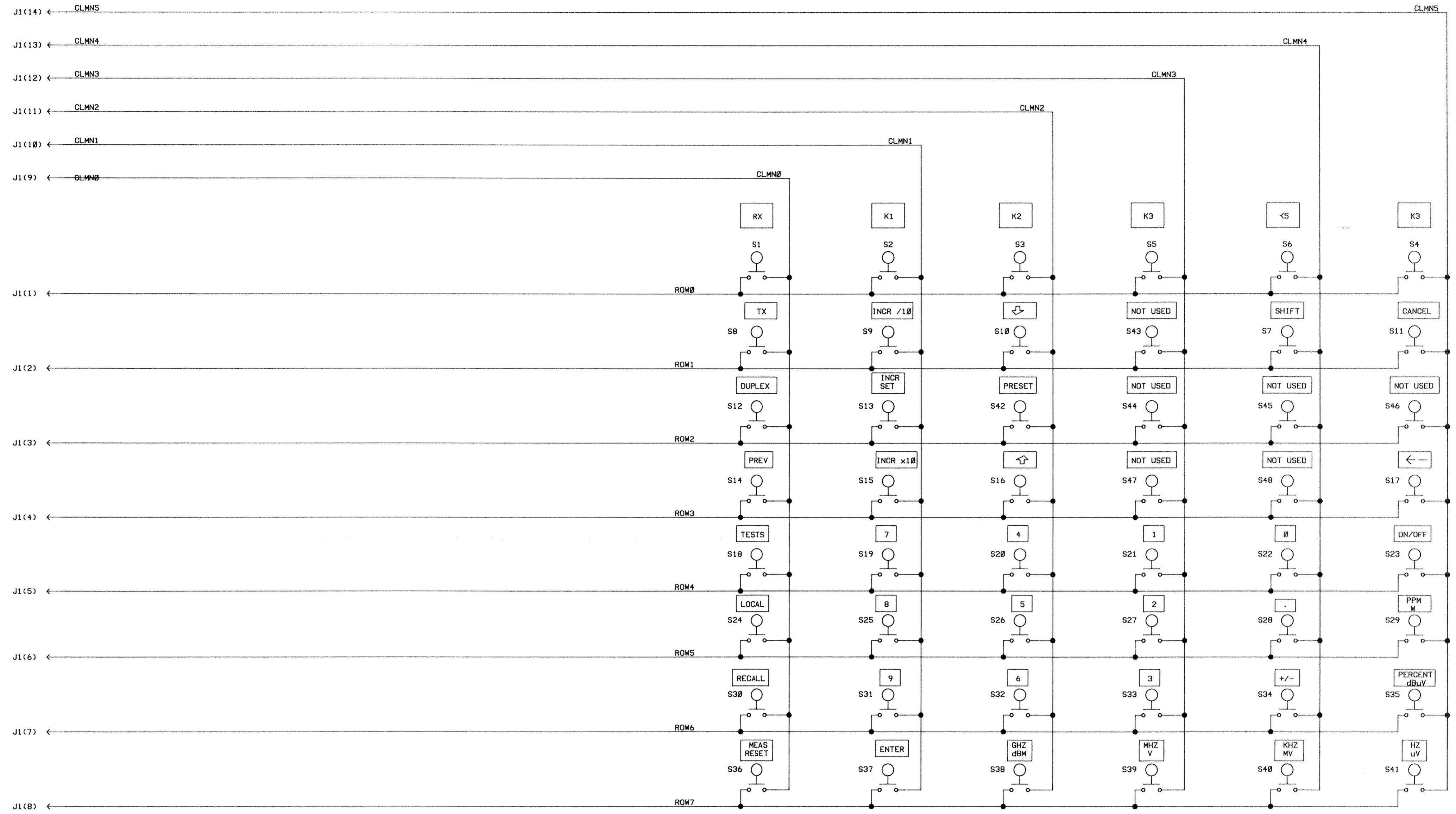
PAD MASTER-F00

08920-60101

ENGINEERING RESPONSIBILITY													SEPIA				
0	1	2	3	4	5	6	7	8	9	10	11	12	14	15			
16	17	18	19	20	21	22	23	25	29	30	32	33	38	43			
45	46	61	63														

B-011591-10 | C-08920-60101-1

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED	[REDACTED]	11 JUL 90
B	CHG DASH NUMBERS-PCO 10-6293.	[REDACTED]	17 JAN 91



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DRAWN BY [REDACTED]	DATE 22APR88	TITLE 8920 KEYBOARD SCHEMATIC	PART NUMBER 08920-60101
ENGINEER [REDACTED]	DATE 22APR88	FINISH	SCALE
RELEASE TO PROD. [REDACTED]	DATE 11 JUL 90	NEXT ASSEMBLY	PART NUMBER 08920-60101
SUPERSEDES DWG.		FINISH	SCALE

A1

Component-Level Information Packet

A2

AUDIO ANALYZER NO. 2

08920-61812

A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2	08920-61812	1	AUDIO ANALYZER NO. 2 (New)	28480	08920-61812
A2	08920-69112	1	AUDIO ANALYZER NO. 2 (Exchange)	28480	08920-69112
A2	08920-60212-1	REF	AUDIO ANALYZER NO. 2 SCHEMATIC DIAGRAM		
A2	08920-60212-2	REF	AUDIO ANALYZER NO. 2 COMPONENT LOCATOR		
A2C1	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C2	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C3	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C4	0160-6099	1	CAP-FXD 820PF +5% 50V CER COG	81349	CDR32BP821BJWM
A2C5	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C7	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C9	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A2C11	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A2C12	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C13	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C14	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C15	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C16	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C17	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C18	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C19	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A2C20	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A2C21	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C22	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C24	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C26	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C28	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C29	0160-5963	1	CAP-FXD 18PF +5% 50V CER COG	81349	CDR01BP180BJWM
A2C32	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C36	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A2C37	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C38	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A2C40	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C41	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C42	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C44	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C45	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C46	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C48	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A2C49	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C50	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A2C51	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C52	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C53	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C54	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C55	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C57	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C58	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C59	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C60	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM

A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2C62	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C63	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C64	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C65	0160-5963	1	CAP-FXD 18PF +5% 50V CER COG	81349	CDR01BP180BJWM
A2C67	0160-5963	1	CAP-FXD 18PF +5% 50V CER COG	81349	CDR01BP180BJWM
A2C70	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C71	0160-5469	1	CAP-FXD 1 UF +-10% 50V POLYE-MET	28480	0160-5469
A2C72	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C73	0160-5469	1	CAP-FXD 1 UF +10% 50V POLYE-MET	28480	0160-5469
A2C75	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C76	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C78	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A2C79	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C80	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C82	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C84	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C85	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C86	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C87	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C88	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A2C89	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A2C90	0160-5469	1	CAP-FXD 1 UF +-10% 50V POLYE-MET	28480	0160-5469
A2C91	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C92	0160-5469	1	CAP-FXD 1 UF +10% 50V POLYE-MET	28480	0160-5469
A2C94	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A2C95	0160-4653	1	CAP-FXD 0.1UF +5% 100V POLYP-MET	84411	HEW-505-100V-104J
A2C96	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C97	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C98	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C99	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C100	0160-4653	1	CAP-FXD 0.1UF +5% 100V POLYP-MET	84411	HEW-505-100V-104J
A2C101	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C102	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C103	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A2C104	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A2C105	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C107	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C108	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C109	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C111	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C112	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C113	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C114	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C115	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C116	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A2C118	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A2C119	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C120	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A2C121	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C122	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM

A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2C123	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C124	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C125	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C126	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C127	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C128	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C129	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A2C130	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A2C131	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C132	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C133	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C134	0180-3750	1	CAP-FXD 0.47UF +20% 35V TA	33297	NRS474M35R8
A2C135	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A2C136	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C137	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C138	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C139	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C140	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C141	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C142	0180-3861	1	CAP-FXD 220UF +20% 25V AL-ELCTL	57640	KM25T221M10X20LL
A2C143	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A2C145	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C146	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C149	0180-4116	1	CAP-FXD 22UF +20% 20V TA	33297	NRD226M20R12
A2C150	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C151	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C154	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C155	0160-4426	1	CAP-FXD 0.01UF +1% 100V CER COG	04222	SR301A103FAA
A2C156	0180-3861	1	CAP-FXD 220UF +20% 25V AL-ELCTL	57640	KM25T221M10X20LL
A2C157	0180-3941	1	CAP-FXD 100UF +10% 10V TA	31433	T396J107K010AS
A2C158	0180-3941	1	CAP-FXD 100UF +-10% 10V TA	31433	T396J107K010AS
A2C159	0180-3941	1	CAP-FXD 100UF +10% 10V TA	31433	T396J107K010AS
A2C161	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A2C162	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C163	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C164	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C165	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C166	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C167	0160-5953	1	CAP-FXD 270PF +-5% 50V CER COG	81349	CDR01BX271BJWM
A2C170	0160-5953	1	CAP-FXD 270PF +-5% 50V CER COG	81349	CDR01BX271BJWM
A2C171	0160-5953	1	CAP-FXD 270PF +-5% 50V CER COG	81349	CDR01BX271BJWM
A2C172	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C173	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C174	0160-5953	1	CAP-FXD 270PF +-5% 50V CER COG	81349	CDR01BX271BJWM
A2C175	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C176	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C177	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C178	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C181	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8

A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2C182	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C183	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C184	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C186	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C188	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C189	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A2C190	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C192	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A2C193	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C194	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C195	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C196	0160-7308	1	CAP-FXD 3.3UF +10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A2C197	0180-4116	1	CAP-FXD 22UF +20% 20V TA	33297	NRD226M20R12
A2C198	0180-4116	1	CAP-FXD 22UF +20% 20V TA	33297	NRD226M20R12
A2C199	0180-4116	1	CAP-FXD 22UF +20% 20V TA	33297	NRD226M20R12
A2C200	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2C201	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A2CR12	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A2CR13	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A2CR16	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A2CR17	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A2CR18	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A2CR19	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A2CR20	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A2CR21	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A2L1	9140-1123	1	INDUCTOR 220UH +5% Q=40 SRF=4MHZ	7J069	NL453232-221J-3
A2L2	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A2L3	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A2L4	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A2L5	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A2P1	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A2Q1	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A2Q2	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A2Q6	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A2Q7	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A2Q8	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A2Q9	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A2Q10	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A2Q11	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A2Q12	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A2R1	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A2R2	0699-1412	1	RESISTOR 75K +-1% .125W TF TC=0+-100	81349	M55342K07R75E0R
A2R4	0699-2931	1	RESISTOR 7.8K +-0.1% .125W TF TC=0+-25	11502	W1206R037801BT
A2R5	0699-2932	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	11502	W1206R033601BT
A2R6	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	11502	W1206R039001BT
A2R7	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A2R8	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A2R9	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A2R11	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A2R12	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R

A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2R13	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A2R15	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A2R16	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A2R17	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A2R19	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A2R20	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A2R26	0699-1428	1	RESISTOR 348 +-1% .125W TF TC=0+-100	81349	M55342K07R348DR
A2R27	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R29	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A2R35	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A2R36	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A2R38	0699-2931	1	RESISTOR 7.8K +-0.1% .125W TF TC=0+-25	11502	W1206R037801BT
A2R39	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A2R40	0699-2932	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	11502	W1206R033601BT
A2R42	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A2R47	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	11502	W1206R039001BT
A2R48	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A2R49	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A2R51	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A2R52	0699-1353	1	RESISTOR 23.7 +-1% .125W TF TC=0+-100	81349	M55342K07R23D7R
A2R53	0699-2931	1	RESISTOR 7.8K +-0.1% .125W TF TC=0+-25	11502	W1206R037801BT
A2R54	0699-2932	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	11502	W1206R033601BT
A2R55	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A2R56	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A2R57	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	81349	M55342E07R20B0R
A2R58	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A2R59	0699-2484	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	81349	M55342E07R50B0
A2R60	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A2R62	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A2R63	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A2R64	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A2R65	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	81349	M55342E07R20B0R
A2R66	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	81349	M55342E07R100BR
A2R67	0699-2484	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	81349	M55342E07R50B0
A2R68	0699-2484	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	81349	M55342E07R50B0
A2R69	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A2R70	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A2R71	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A2R72	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A2R73	0699-1445	1	RESISTOR 215K +-1% .125W TF TC=0+-100	81349	M55342K07R215ER
A2R74	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A2R75	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A2R76	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R77	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A2R78	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R79	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A2R80	0699-1440	1	RESISTOR 121K +-1% .125W TF TC=0+-100	81349	M55342K07R121ER
A2R81	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R82	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R83	0699-1440	1	RESISTOR 121K +-1% .125W TF TC=0+-100	81349	M55342K07R121ER

A2 Replaceable Parts

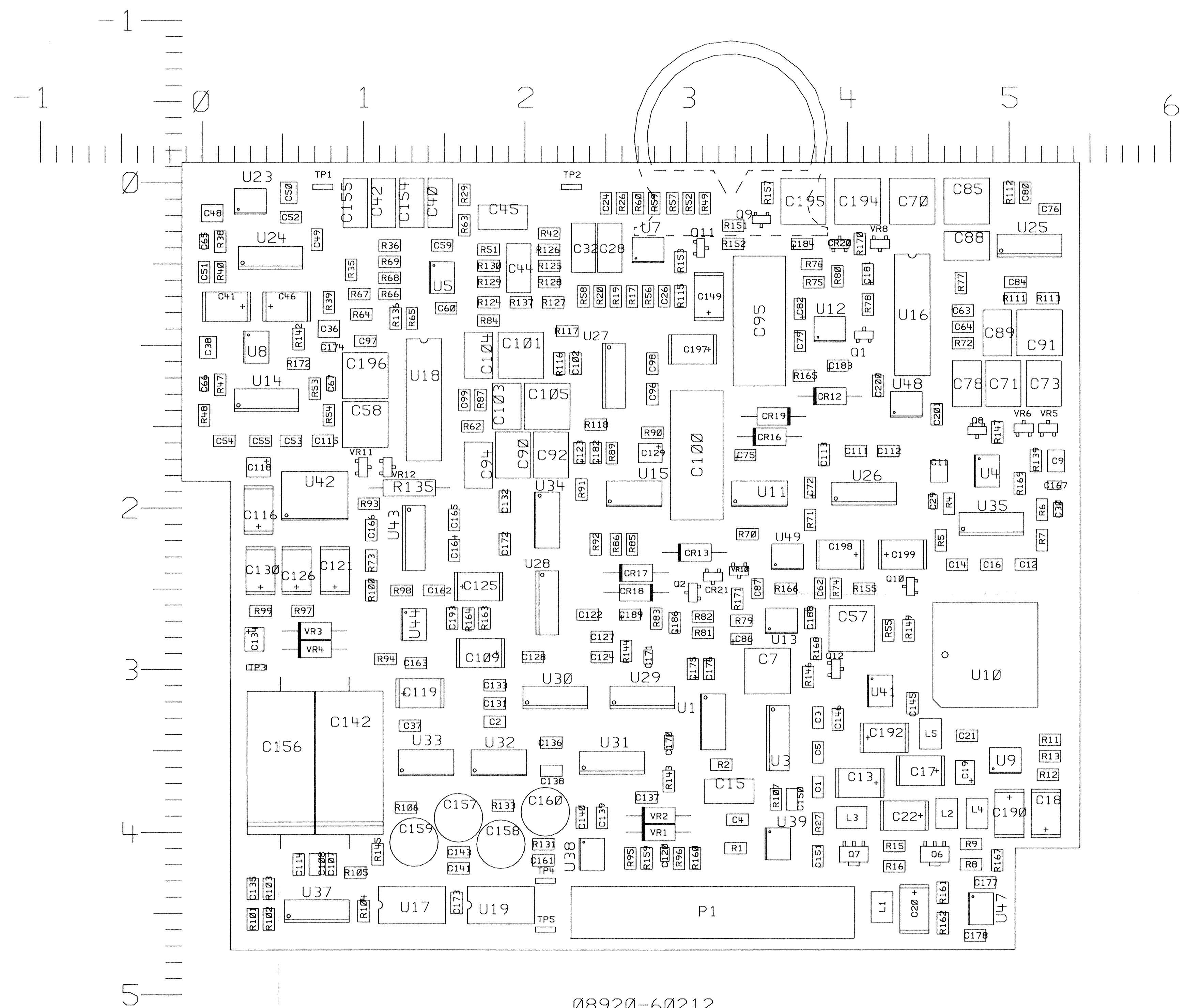
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2R84	0699-2491	1	RESISTOR 20K +0.1% .125W TF TC=0+-25	81349	M55342E07R20B0R
A2R85	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A2R86	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A2R87	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A2R89	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R90	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A2R91	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R92	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A2R93	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R94	0699-1413	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	81349	M55342K07R82E5R
A2R95	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A2R96	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A2R97	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A2R98	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A2R99	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A2R100	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R101	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A2R102	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A2R103	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A2R104	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A2R105	0699-2889	1	RESISTOR 4.7 +-5% .125W TF TC=0+-500	65940	MCR18J4R7
A2R106	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A2R107	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A2R111	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R112	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R113	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R115	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A2R116	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R117	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R118	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R124	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A2R125	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A2R126	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A2R127	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	11502	W1206R035001BT
A2R128	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A2R129	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	81349	M55342E07R100BR
A2R130	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A2R131	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A2R133	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A2R135	0699-0068	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	81349	RNC60K1474FS
A2R136	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A2R137	0699-1428	1	RESISTOR 348 +-1% .125W TF TC=0+-100	81349	M55342K07R348DR
A2R139	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A2R142	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A2R143	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A2R144	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A2R145	0699-2889	1	RESISTOR 4.7 +-5% .125W TF TC=0+-500	65940	MCR18J4R7
A2R146	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A2R147	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R149	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER

A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2R151	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R152	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R153	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A2R155	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A2R157	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A2R159	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A2R160	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A2R161	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A2R162	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A2R163	0699-1322	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	81349	M55342K07R68E1R
A2R164	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A2R165	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R166	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A2R167	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A2R168	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A2R169	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A2R170	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A2R171	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A2R172	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A2TP1	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A2TP2	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A2TP3	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A2TP4	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A2TP5	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A2U1	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPQ QUAD 14 PIN	01295	TL074CD
A2U3	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U4	1826-2218	1	IC OP AMP LOW-OFS DUAL 8 PIN PLSTC-SOIC	04713	LF412CD
A2U5	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A2U7	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A2U8	1826-2218	1	IC OP AMP LOW-OFS DUAL 8 PIN PLSTC-SOIC	04713	LF412CD
A2U9	1826-1826	1	IC V RGLTR-ADJ-POS 1.2/37V 8-P-SOIC PKG	27014	LM317LM
A2U10	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A2U11	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPQ QUAD 14 PIN	01295	TL074CD
A2U12	1826-2150	1	IC COMPARATOR PRN SINGLE 8 PIN	04713	LM211D
A2U13	1826-2150	1	IC COMPARATOR PRN SINGLE 8 PIN	04713	LM211D
A2U14	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U15	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A2U16	1826-1314	1	IC CONV RMS/DC BIPOLAR -15V TO +15V	24355	AD637JQ
A2U17	1826-0682	1	IC AUDIO AMPL PWR BIPOLAR 8-PIN	27014	LM386N-1
A2U18	1826-1314	1	IC CONV RMS/DC BIPOLAR -15V TO +15V	24355	AD637JQ
A2U19	1826-0682	1	IC AUDIO AMPL PWR BIPOLAR 8-PIN	27014	LM386N-1
A2U23	1826-2218	1	IC OP AMP LOW-OFS DUAL 8 PIN PLSTC-SOIC	04713	LF412CD
A2U24	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U25	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U26	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U27	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U28	1820-5557	1	IC DCDR CMOS/HC BIN 2-TO-4-LINE DUAL	27014	MM74HC139M
A2U29	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U30	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U31	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY

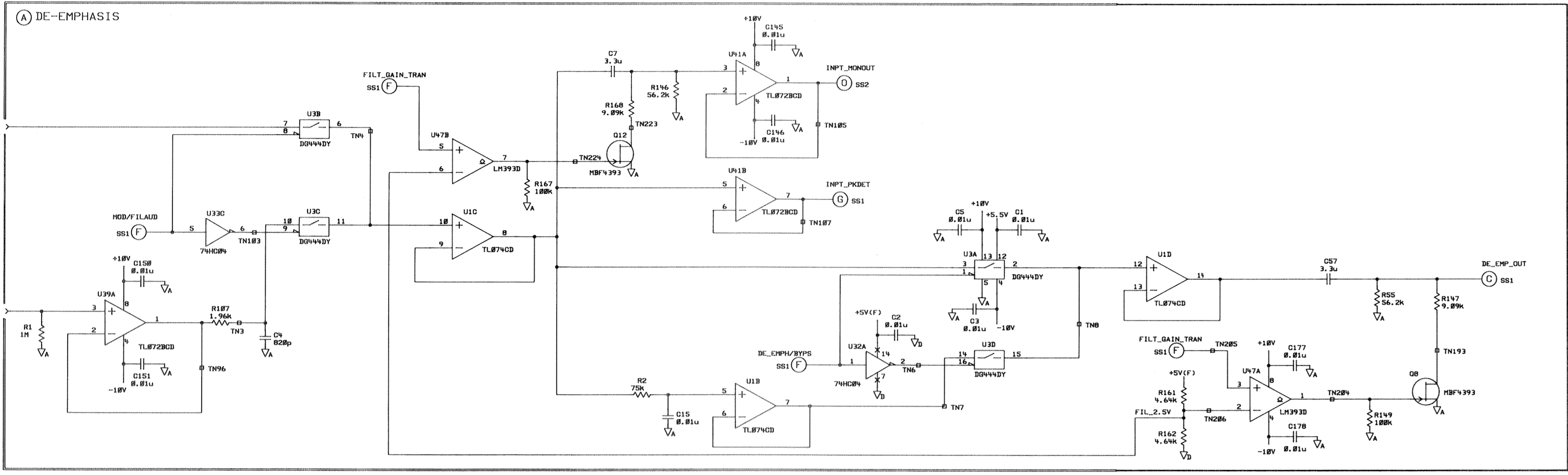
A2 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A2 (Cont'd)	08920-61812	REF	AUDIO ANALYZER NO. 2	28480	08920-61812
A2U32	1820-5220	1	IC INV CMOS/HC HEX	01295	SN74HC04D
A2U33	1820-5220	1	IC INV CMOS/HC HEX	01295	SN74HC04D
A2U34	1820-5220	1	IC INV CMOS/HC HEX	01295	SN74HC04D
A2U35	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U37	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U38	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A2U39	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A2U41	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A2U42	1826-2148	1	IC MISC DUAL 16 PIN PLSTC-SOIC	18324	NE572D
A2U43	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A2U44	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A2U47	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	18324	LM393D
A2U48	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8-PIN	13919	OPA27U
A2U49	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8-PIN	13919	OPA27U
A2VR1	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A2VR2	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A2VR3	1902-0943	1	DIODE-ZNR 2.4V 5% PD=.4W TC=-.04% DO-35	28480	1902-0943
A2VR4	1902-0943	1	DIODE-ZNR 2.4V 5% PD=.4W TC=-.04% DO-35	28480	1902-0943
A2VR5	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A2VR6	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A2VR8	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A2VR10	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A2VR11	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A2VR12	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A2	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A2	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843



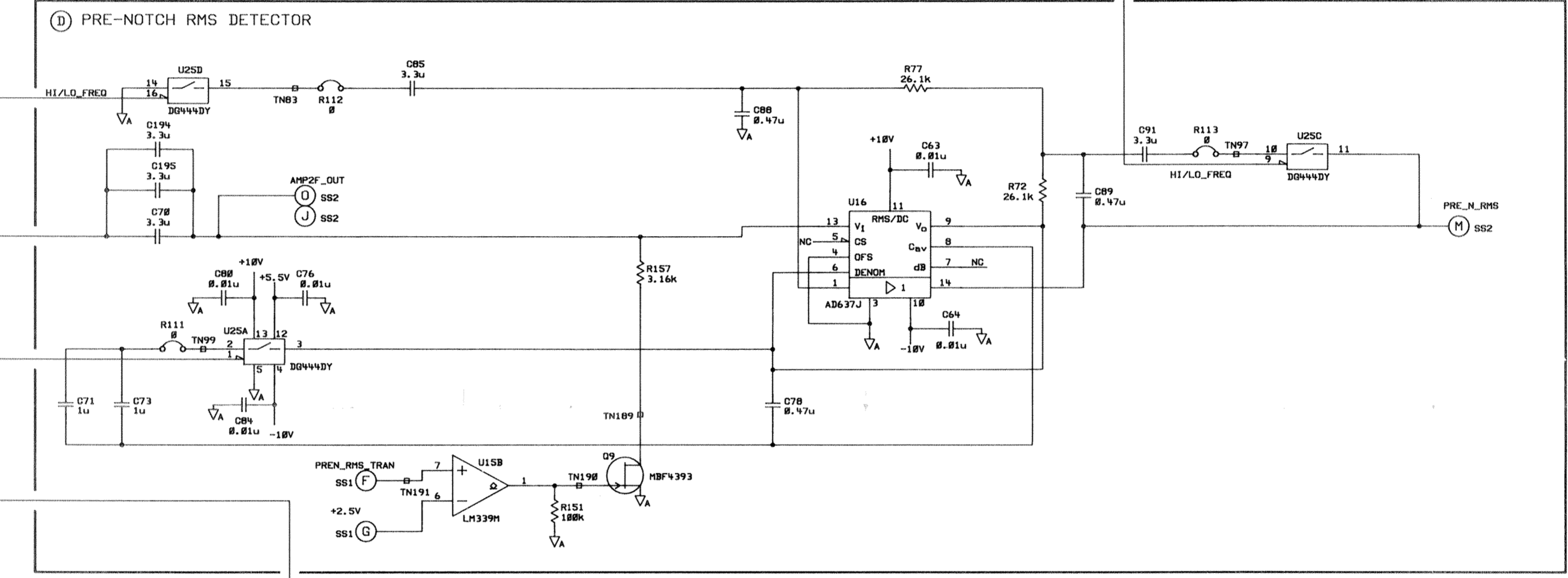
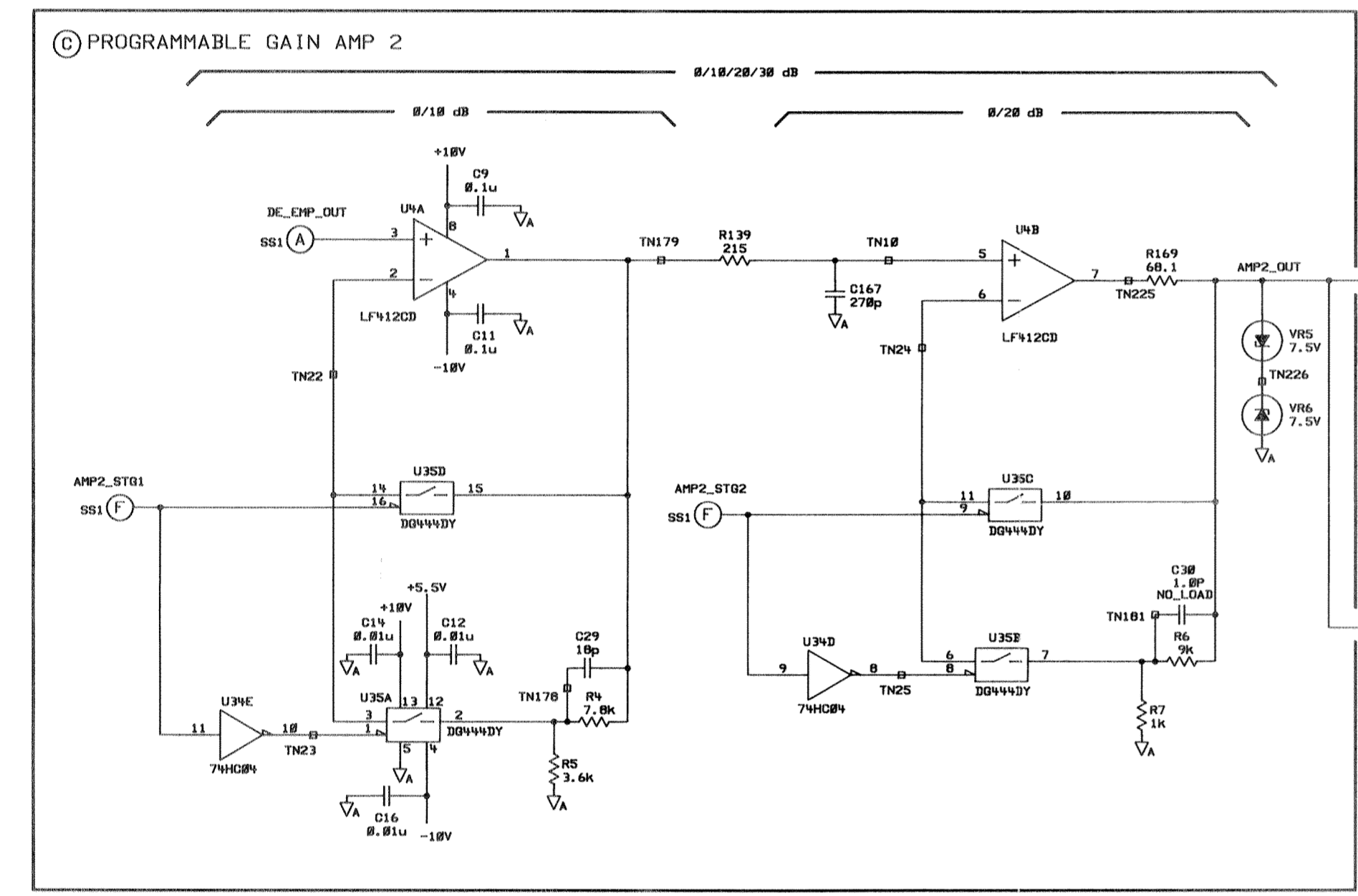
08920-60212

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 10-6694	[REDACTED]	01AUG91



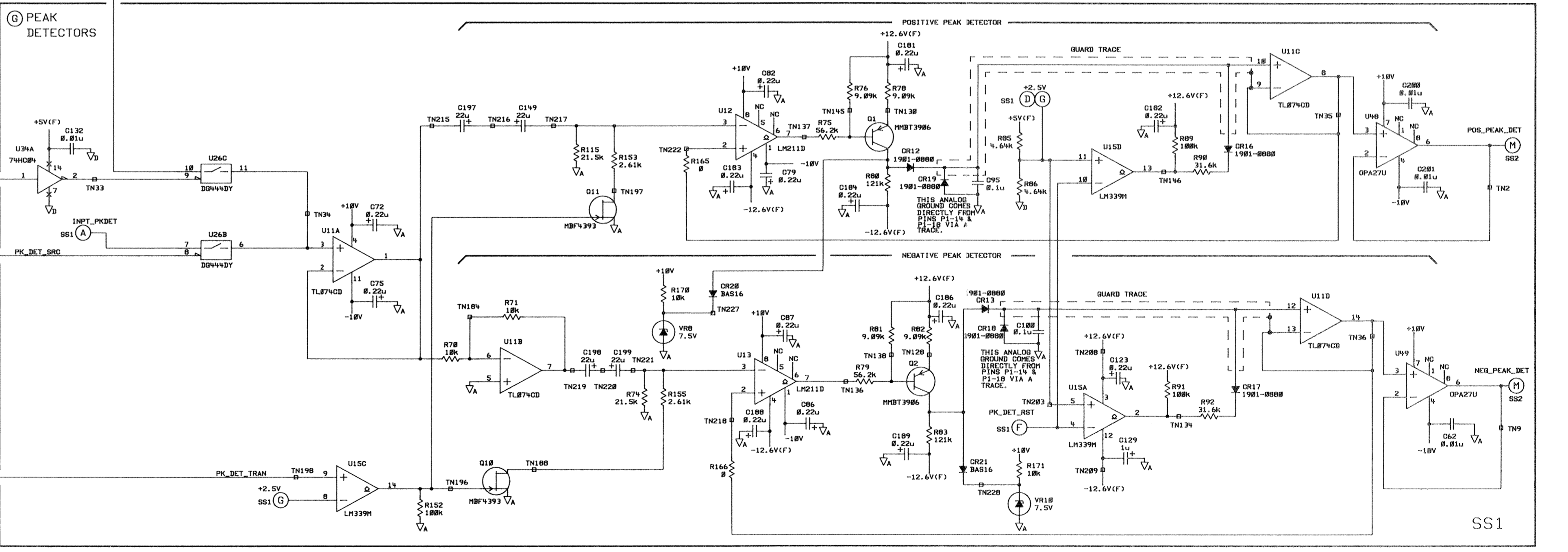
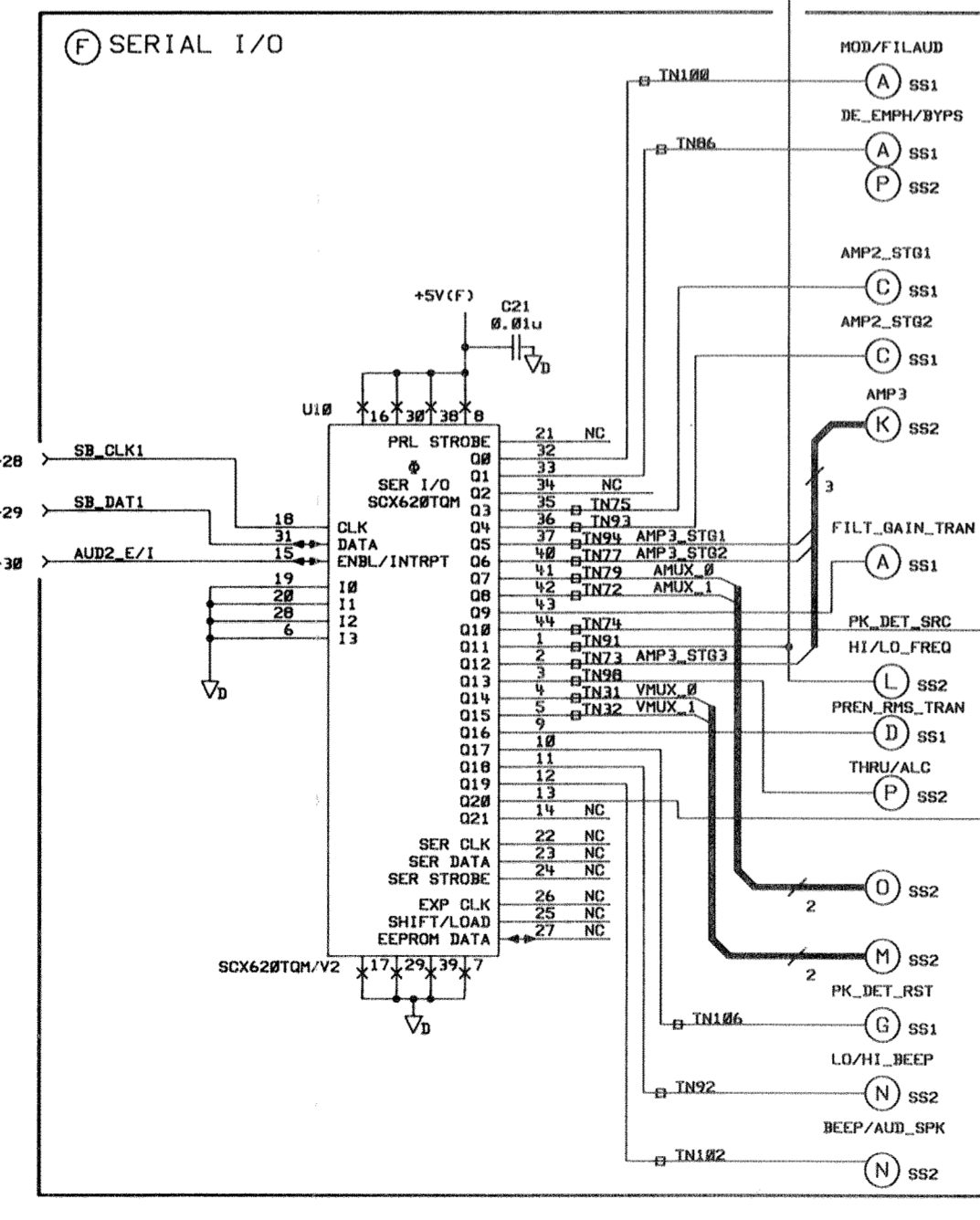
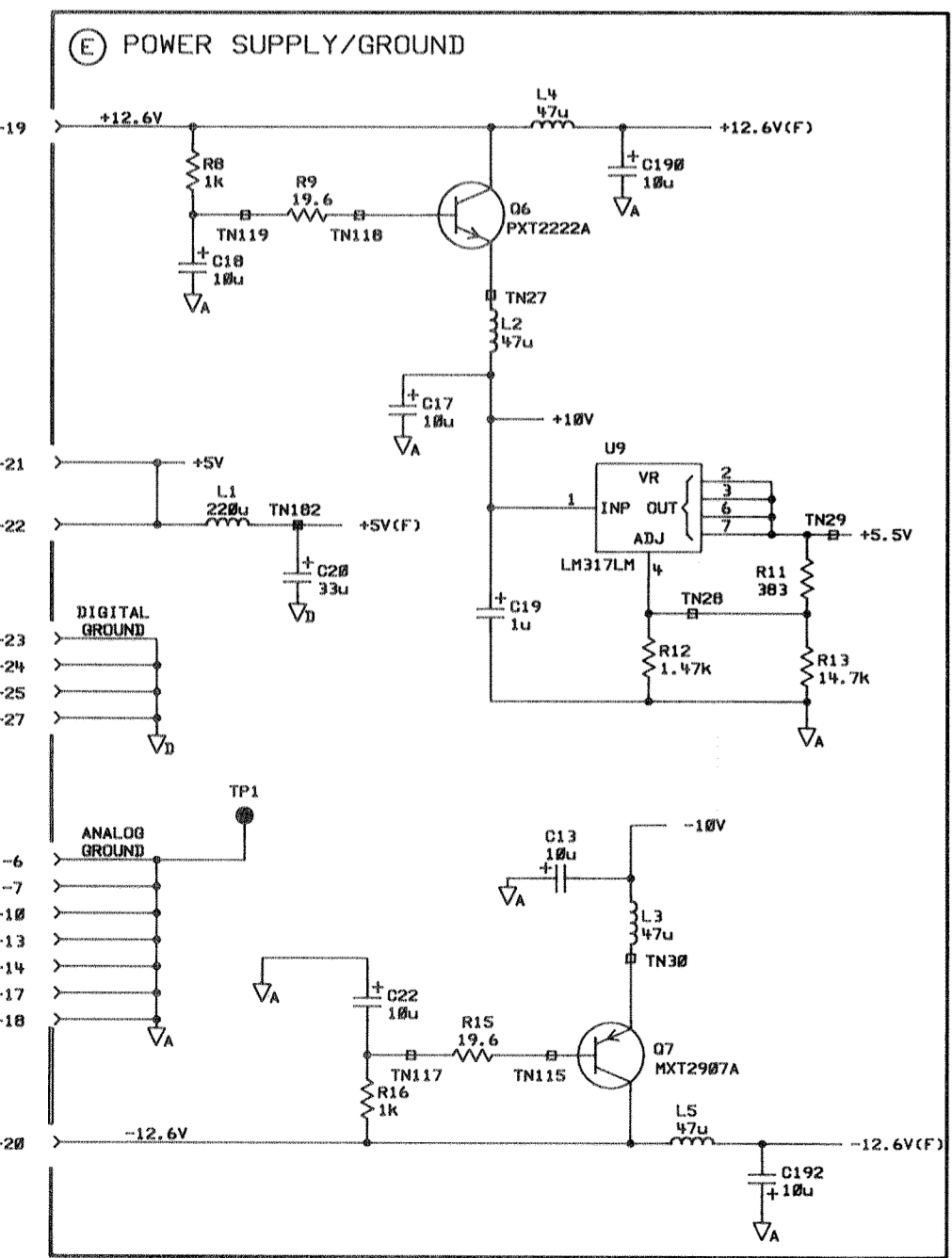
NO LOAD PARTS

REF DES	SHT#	BLOCK
C30	1	C
C66	2	K



GAIN AMP 2

GAIN	AMP2_STG 2	AMP2_STG 1
0dB	0	0
10dB	1	0
20dB	1	0
30dB	1	1



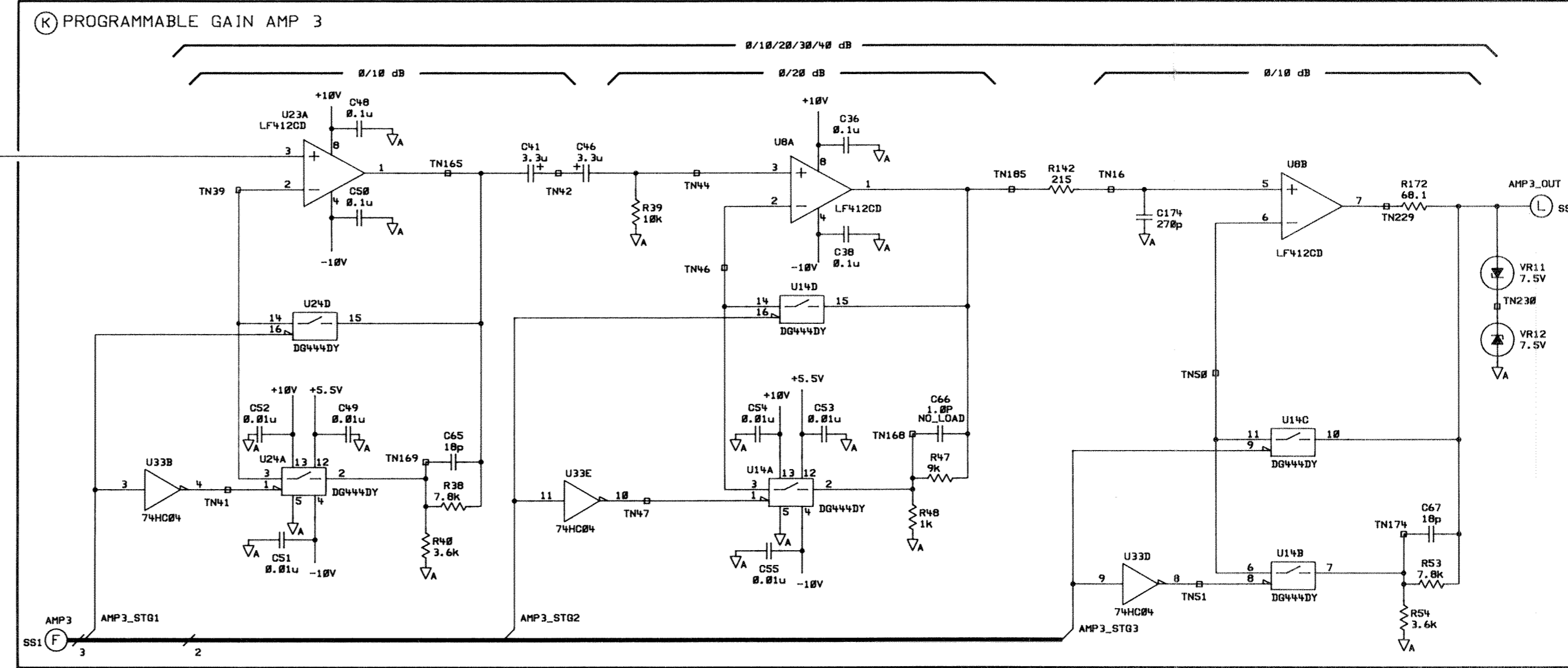
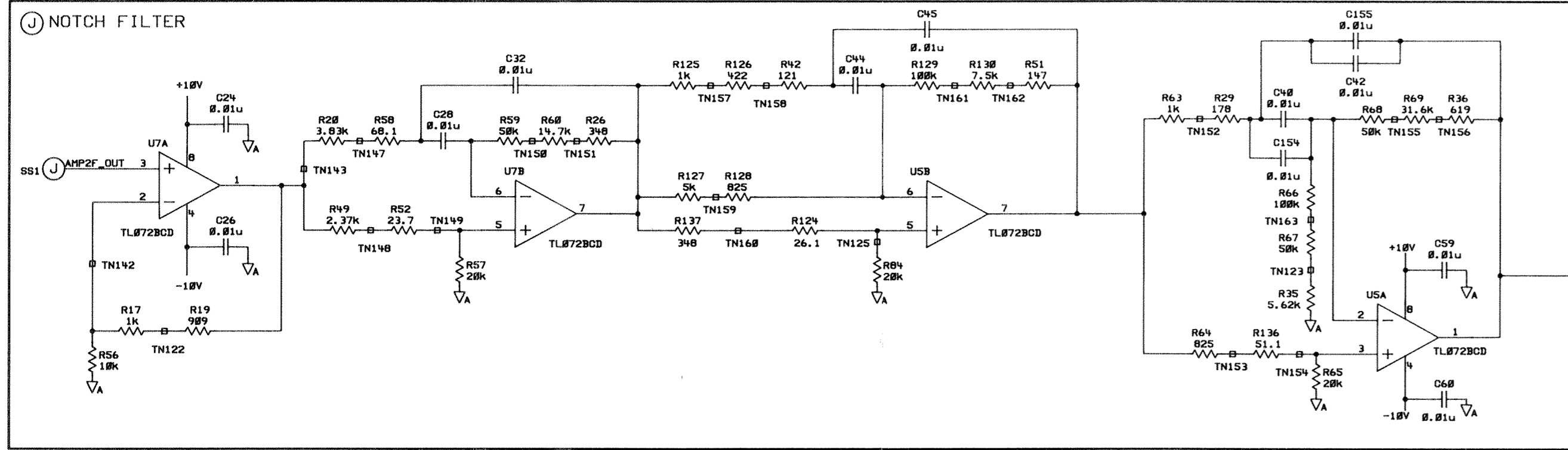
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RELEASE TO PROD. [REDACTED]
SUPERSEDES DWG. [REDACTED]

DATE 08DEC87
DATE 08DEC87
DATE 1AUG91
DATE [REDACTED]

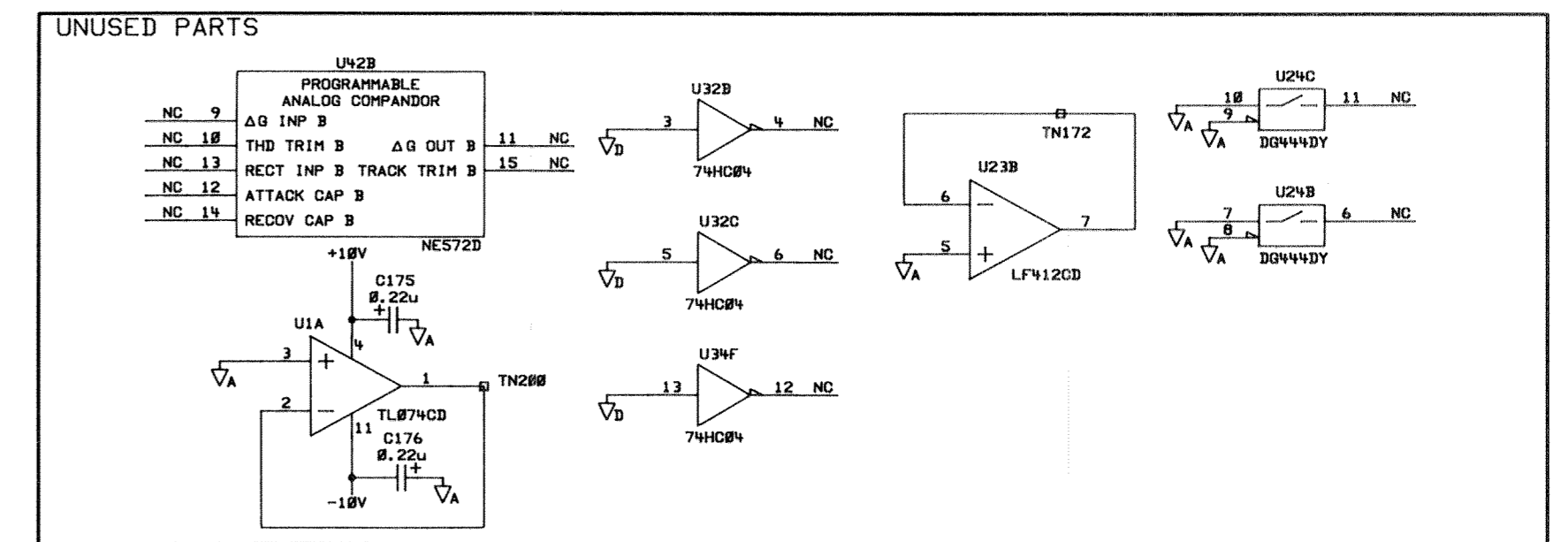
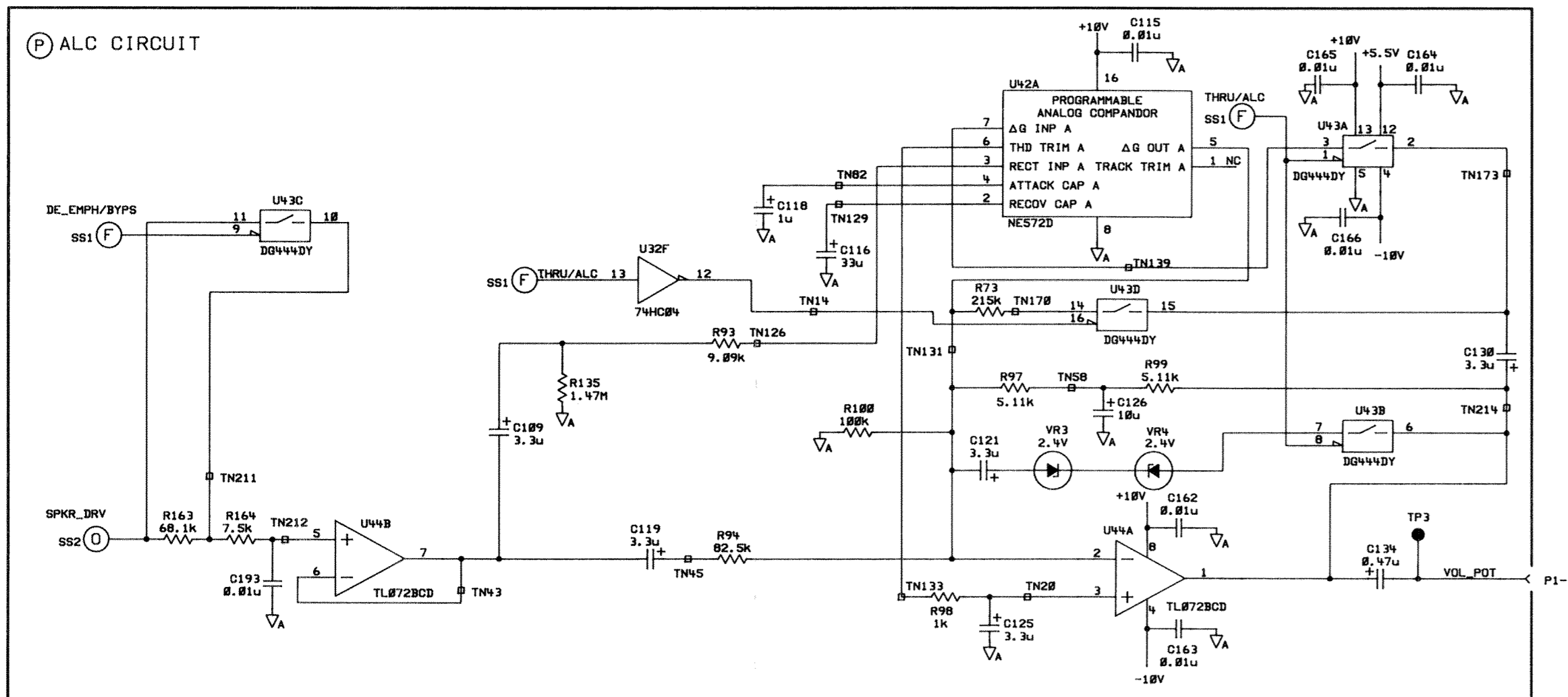
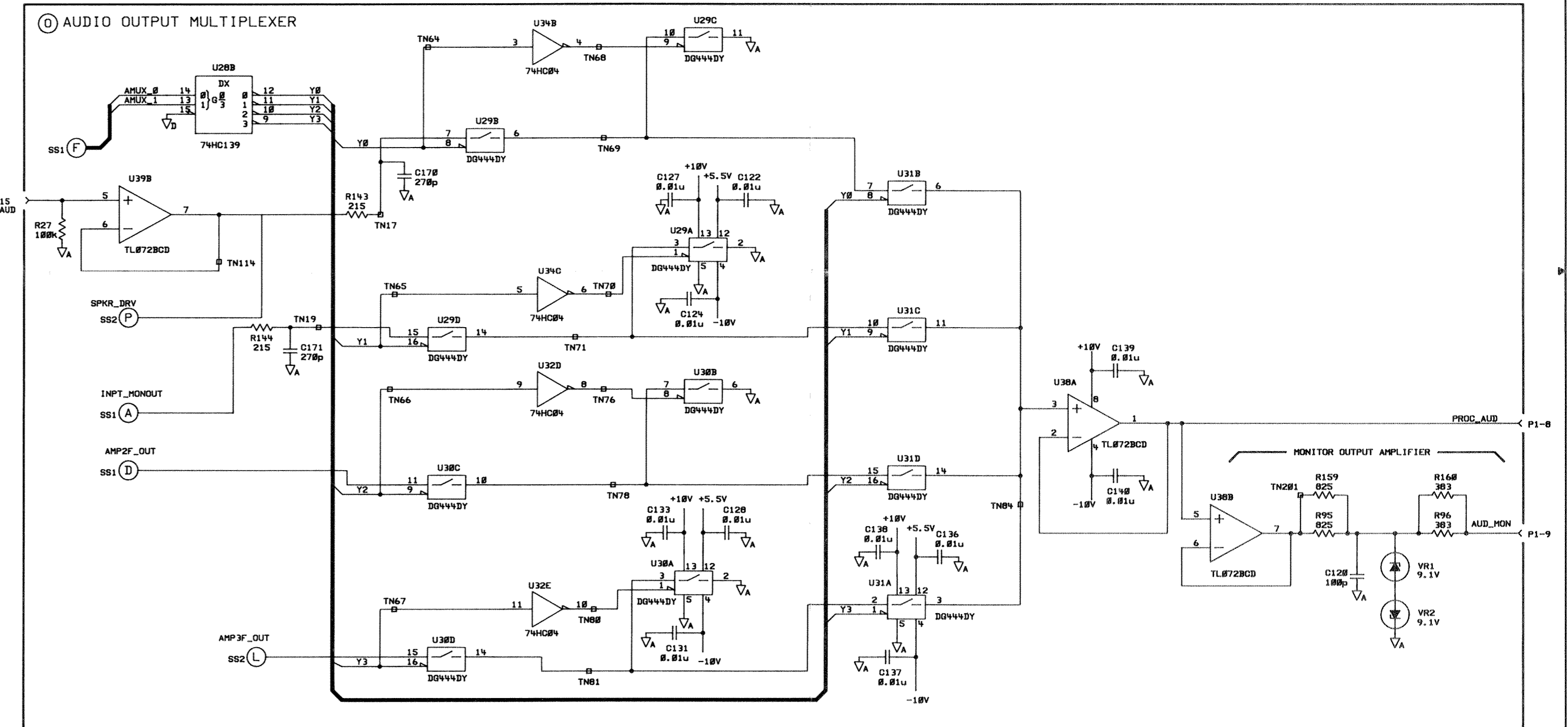
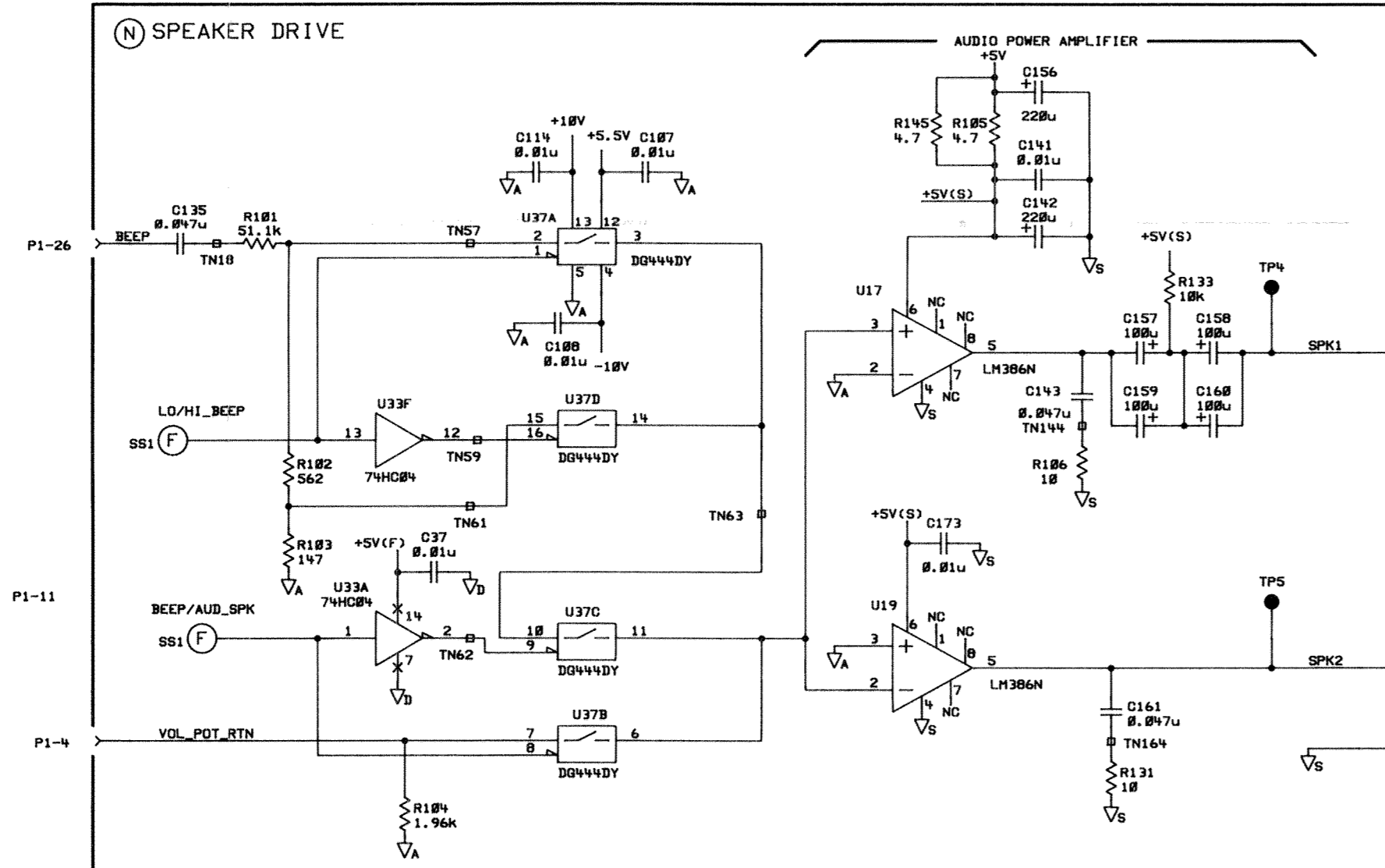
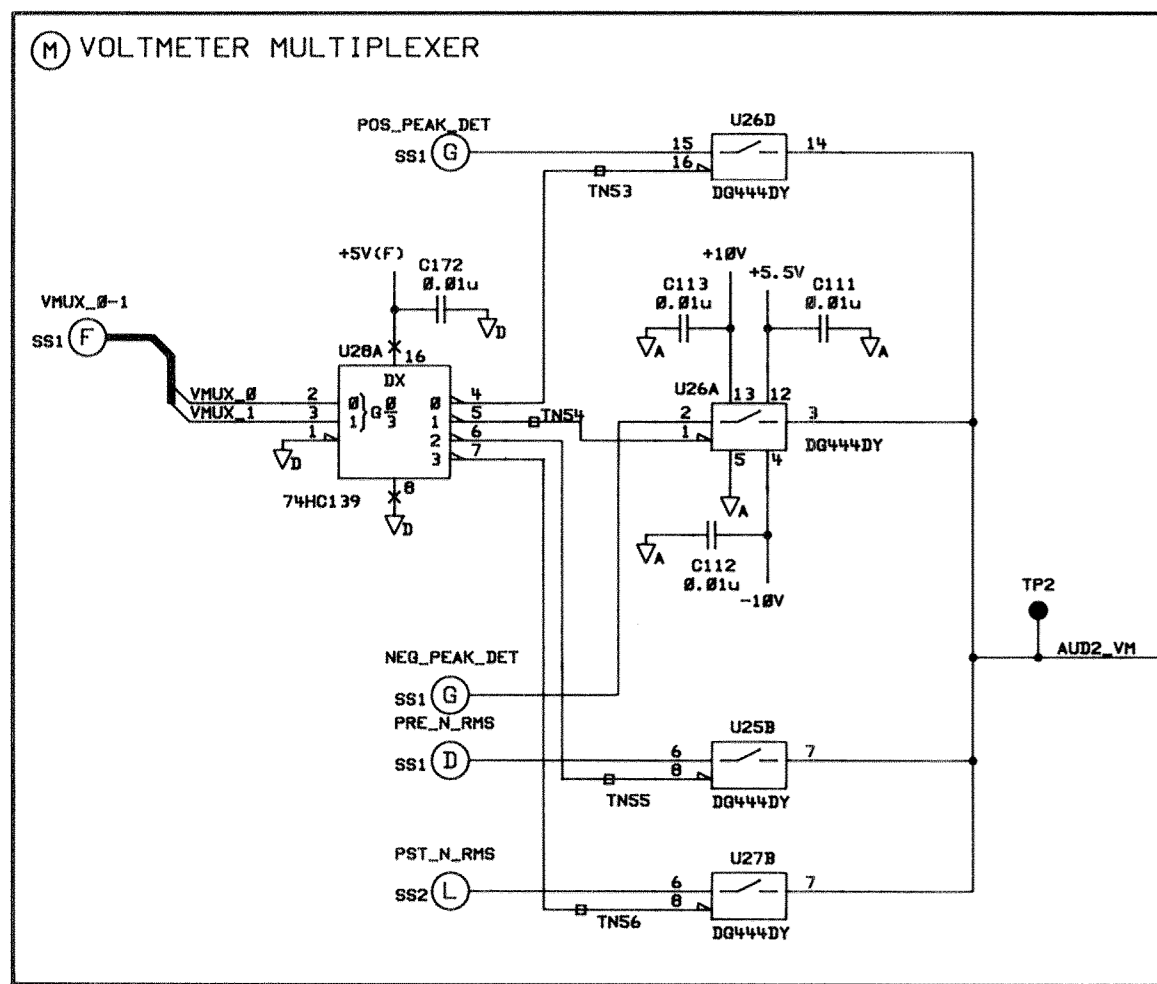
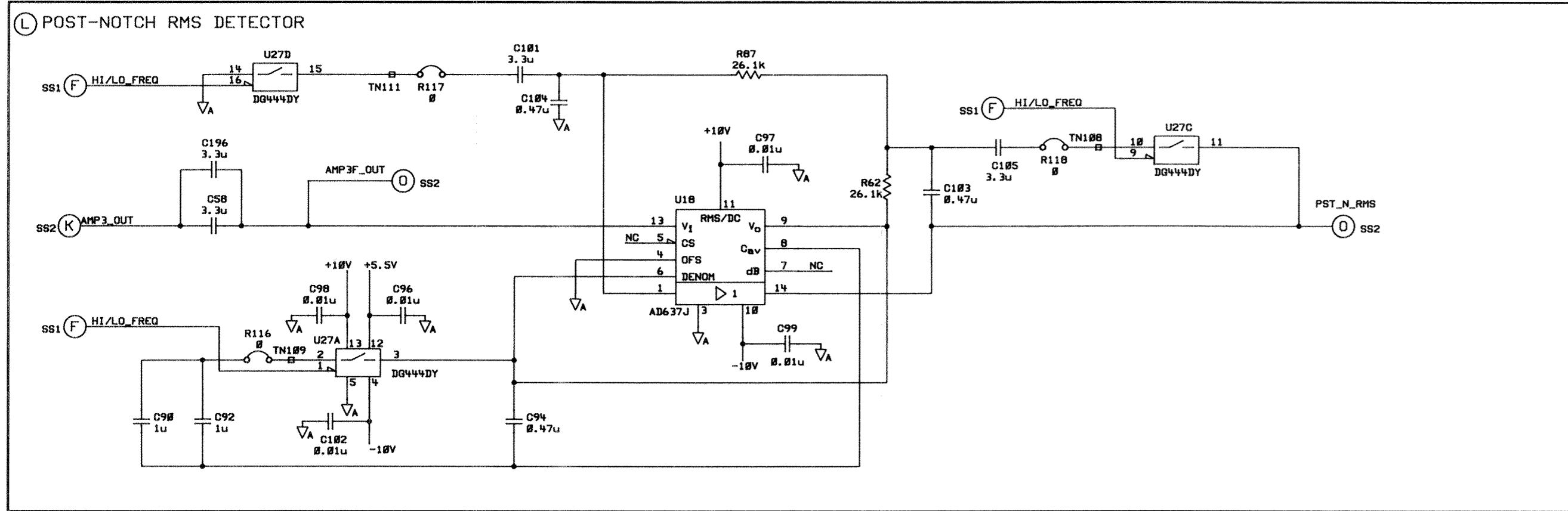
SCHEMATIC, PWA
s1ba1212
FILENAME [REDACTED]
SCALE NONE
SHEET 1 OF 2
D-08920-60212
PART NUMBER
TITLE A2

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 10-6694	[REDACTED]	01AUG91



GAIN AMP 3

GAIN	AMP3_STG1	AMP3_STG2	AMP3_STG3
0dB	0	0	0
10dB	0	0	1
20dB	0	1	0
30dB	0	1	1
40dB	1	1	1



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8DEC87 DATE
8DEC87 DATE
1AUG91 DATE
SCHEMATIC, PWA
8920 AUDIO #2
A2

s2ba1212 FILENAME
SCALE NONE
SHEET 2 OF 2 PART NUMBER
D-08920-60212-1

Component-Level Information Packet

A3

AUDIO ANALYZER NO. 1

08920-69111

8920A COMPONENT LEVEL INFORMATION ERRATA

A3 Audio Analyzer No. 1

Change title page part number to:
08920-61811

Change A3 to:

A3, 08920-61811, 1, AUDIO ANALYZER NO. 1 (New), 28480, 08920-61811
A3, 08920-69111, 1, AUDIO ANALYZER NO. 1 (Exchange), 28480, 08920-69111
A3, 08920-60311-1, REF, AUDIO ANALYZER NO. 1 SCHEMATIC DIAGRAM
A3, 08920-60311-2, REF, AUDIO ANALYZER NO. 1 COMPONENT LOCATOR

Add A3CR14:

A3CR14, 1901-1227, 1, DIODE-SWITCHING 75V 200MA SI, 04713, BAS16T1

Add A3K2:

A3K2, 0490-0916, 1, RELAY-REED 500MA 100VDC 5VDC 1A-CONT, 15636, R-6966-1

Add A3Q8:

A3Q8, 1854-1094, 1, TRANSISTOR NPN SI 1W 300MHZ, H0002, PXT2222A

Add A3R2:

A3R2, 0699-1391, 1, RES-FXD TF 10K +-1% .125W 0+-100TC, 81349, M55342K07B10E0R

Add A3R7:

A3R7, 0699-1370, 1, RES-FXD TF 1.21K +-1% .125W 0+-100TC, 81349, M55342K07B1E21R

Add A3R9:

A3R9, 0699-2831, 1, RES-FXD TF 150OHM +-1% .125W 0+-25TC, 81349, M55342E07B150AR

Add A3R10:

A3R10, 0699-2831, 1, RES-FXD TF 150OHM +-1% .125W 0+-25TC, 81349, M55342E07B150AR

Add A3R11:

A3R11, 0699-2831, 1, RES-FXD TF 150OHM +-1% .125W 0+-25TC, 81349, M55342E07B150AR

Add A3R12:

A3R12, 0699-2831, 1, RES-FXD TF 150OHM +-1% .125W 0+-25TC, 81349, M55342E07B150AR

Change A3R51 to:

A3R51, 0699-1399, 1, RES-FXD TF 23.7K +-1% .125W 0+-100TC, 81349, M55342K07B23E7R

Change A3R53 to:

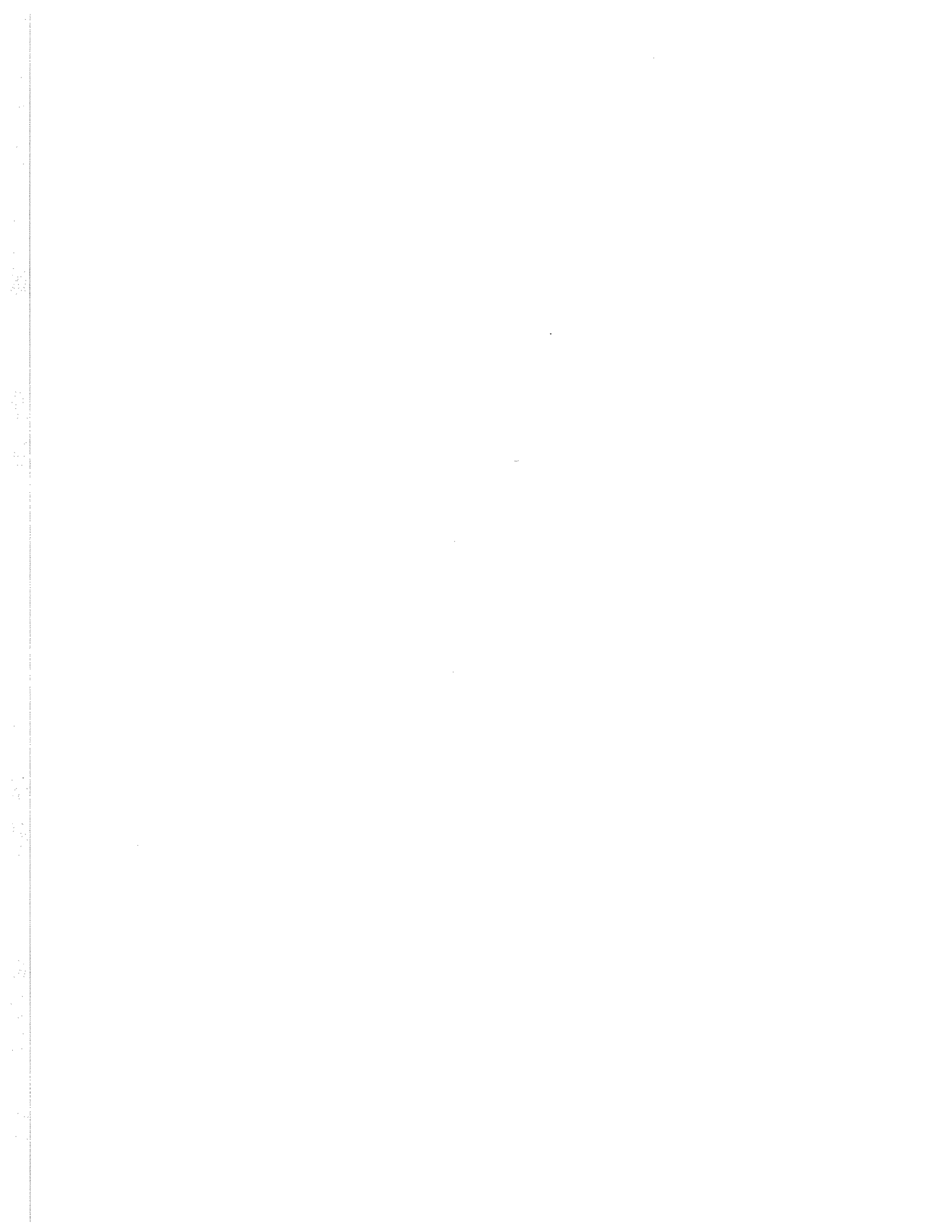
A3R53, 0699-1390, 1, RES-FXD TF 9.09K +-1% .125W 0+-100TC, 81349, M55342K07B9E09R

Change A3R54 to:

A3R54, 0699-1388, 1, RES-FXD TF 7.5K +-1% .125W 0+-100TC, 81349, M55342K07B7E50R

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.



A3 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A3	08920-69111	1	AUDIO ANALYZER NO. 1 (Exchange)	28480	08920-69111
A3	08920-60211-1	REF	AUDIO ANALYZER NO. 1 SCHEMATIC DIAGRAM		
A3	08920-60211-2	REF	AUDIO ANALYZER NO. 1 COMPONENT LOCATOR		
A3C1	0121-0452	1	CAP-VAR 5.4PF 1.3PF 125V AIR	74970	187-0103-028
A3C5	0160-7308	1	CAP-FXD 3.3UF +-10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A3C6	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A3C7	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A3C8	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A3C9	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A3C10	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A3C11	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A3C12	0160-6606	1	CAP-FXD 0.02UF +-1% 200V POLYC-MET	28480	0160-6606
A3C13	0160-6606	1	CAP-FXD 0.02UF +-1% 200V POLYC-MET	28480	0160-6606
A3C14	0160-4270	1	CAP-FXD 0.2UF +-1% 50V POLYC-MET	84411	HEW-394-50V-2003F
A3C15	0160-4270	1	CAP-FXD 0.2UF +-1% 50V POLYC-MET	84411	HEW-394-50V-2003F
A3C16	0160-4270	1	CAP-FXD 0.2UF +-1% 50V POLYC-MET	84411	HEW-394-50V-2003F
A3C17	0160-6604	1	CAP-FXD 0.012UF +-2% 50V POLYC-MET	84411	HEW-249-50V-123G
A3C18	0160-6606	1	CAP-FXD 0.02UF +-1% 200V POLYC-MET	28480	0160-6606
A3C19	0160-4270	1	CAP-FXD 0.2UF +-1% 50V POLYC-MET	84411	HEW-394-50V-2003F
A3C20	0160-6606	1	CAP-FXD 0.02UF +-1% 200V POLYC-MET	28480	0160-6606
A3C21	0160-7304	1	CAP-FXD 1200PF +-1% 50V CER COG	81349	CDR33BP122BFWM
A3C22	0160-6938	1	CAP-FXD 1000PF +-1% 50V CER COG	81349	CDR33BP102BFWM
A3C23	0160-6938	1	CAP-FXD 1000PF +-1% 50V CER COG	81349	CDR33BP102BFWM
A3C24	0160-6606	1	CAP-FXD 0.02UF +-1% 200V POLYC-MET	28480	0160-6606
A3C27	0160-7305	1	CAP-FXD 220PF +-1% 50V CER COG	81349	CDR31BP221BFWM
A3C28	0160-7307	1	CAP-FXD 180PF +-1% 50V CER COG	81349	CDR01BP181BFWM
A3C29	0160-7306	1	CAP-FXD 1800PF +-1% 50V CER COG	81349	CDR33BP182BFWM
A3C30	0160-7054	1	CAP-FXD 2200PF +-1% 50V CER COG	81349	CDR33BP222BFWM
A3C31	0160-7324	1	CAP-FXD 120PF +-1% 50V CER COG	81349	CDR01BP121BFWM
A3C32	0160-7307	1	CAP-FXD 180PF +-1% 50V CER COG	81349	CDR01BP181BFWM
A3C33	0160-7305	1	CAP-FXD 220PF +-1% 50V CER COG	81349	CDR31BP221BFWM
A3C34	0160-7054	1	CAP-FXD 2200PF +-1% 50V CER COG	81349	CDR33BP222BFWM
A3C35	0160-7306	1	CAP-FXD 1800PF +-1% 50V CER COG	81349	CDR33BP182BFWM
A3C37	0180-4116	1	CAP-FXD 22UF +-20% 20V TA	33297	NRD226M20R12
A3C38	0160-4653	1	CAP-FXD 0.1UF +-5% 100V POLYP-MET	84411	HEW-505-100V-104J
A3C39	0160-7308	1	CAP-FXD 3.3UF +-10% 50V POLYE-MET	D9816	MKS2 3.3UF/50/10
A3C41	0180-4116	1	CAP-FXD 22UF +-20% 20V TA	33297	NRD226M20R12
A3C42	0160-6606	1	CAP-FXD 0.02UF +-1% 200V POLYC-MET	28480	0160-6606
A3C43	0160-5964	1	CAP-FXD 180PF +-5% 50V CER COG	81349	CDR01BP181BJWM
A3C44	0160-5954	1	CAP-FXD 220PF +-5% 50V CER COG	81349	CDR01BX221BJWM
A3C50	0180-3749	1	CAP-FXD 0.22UF +-20% 35V TA	33297	NRA224M35R8
A3C51	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A3C52	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A3C53	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A3C54	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A3C55	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A3C56	0160-7324	1	CAP-FXD 120PF +-1% 50V CER COG	81349	CDR01BP121BFWM
A3C57	0160-5961	1	CAP-FXD 22PF +-5% 50V CER COG	81349	CDR01BP220BJWM

A3 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A3 (Cont'd)	08920-69111	REF	AUDIO ANALYZER NO. 1	28480	08920-69111
A3C58	0160-5961	1	CAP-FXD 22PF +5% 50V CER COG	81349	CDR01BP220BJWM
A3C59	0121-0452	1	CAP-VAR 5.4PF 1.3PF 125V AIR	74970	187-0103-028
A3C60	0160-5942	1	CAP-FXD 1PF +25% 50V CER COG	54583	C2012C0G1H1R0C
A3C61	0160-5942	1	CAP-FXD 1PF +25% 50V CER COG	54583	C2012C0G1H1R0C
A3C62	0160-5961	1	CAP-FXD 22PF +5% 50V CER COG	81349	CDR01BP220BJWM
A3C66	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C67	0160-7306	1	CAP-FXD 1800PF +1% 50V CER COG	81349	CDR33BP182BFWM
A3C69	0160-7307	1	CAP-FXD 180PF +1% 50V CER COG	81349	CDR01BP181BFWM
A3C101	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C102	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C103	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C104	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C106	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C107	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C108	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C109	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C110	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C111	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C112	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C113	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C114	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C115	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C117	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C118	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C119	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C120	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C121	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C201	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C202	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C204	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C206	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C208	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C209	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C211	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C212	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C213	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C214	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C215	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C217	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C219	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C220	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C221	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C222	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C223	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C309	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C311	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C320	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A3C321	0160-5951	1	CAP-FXD 390PF +5% 50V CER COG	81349	CDR01BX391BJWM
A3C322	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A3C323	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12

A3 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A3 (Cont'd)	08920-69111	REF	AUDIO ANALYZER NO. 1	28480	08920-69111
A3C324	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A3C325	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C326	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C327	0180-3749	1	CAP-FXD 0.22UF +20% 35V TA	33297	NRA224M35R8
A3C328	0180-4116	1	CAP-FXD 22UF +20% 20V TA	33297	NRD226M20R12
A3C329	0180-4116	1	CAP-FXD 22UF +20% 20V TA	33297	NRD226M20R12
A3CR1	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR2	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR3	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR4	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR7	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR8	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR9	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR10	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR11	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR12	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR13	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR15	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR16	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR18	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A3CR19	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR20	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3CR21	1901-0880	1	DIODE-GEN PRP 200MA DO-35	28480	1901-0880
A3J1	1251-5380	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	28480	1251-5380
A3J2	1251-5380	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	28480	1251-5380
A3K1	0490-0916	1	RELAY-REED 1A 500MA 100VDC 5VDC-COIL	15636	R-6966-1
A3L1	9140-1123	1	INDUCTOR 220UH +5% Q=40 SRF=4MHZ	7J069	NL453232-221J-3
A3L2	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A3L3	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A3L4	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A3L5	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A3P1	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A3P2	1251-4994	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	18873	68415-610
A3P3	1251-4994	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	18873	68415-610
A3Q1	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A3Q2	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A3Q3	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A3Q4	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A3Q5	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A3Q6	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A3Q7	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A3R1	0699-1980	1	RESISTOR 900K +0.1% .125W TF TC=0+-25	19701	5033RE9003B
A3R3	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A3R4	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A3R5	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A3R6	0699-1980	1	RESISTOR 900K +-0.1% .125W TF TC=0+-25	19701	5033RE9003B
A3R8	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R

A3 Replaceable Parts

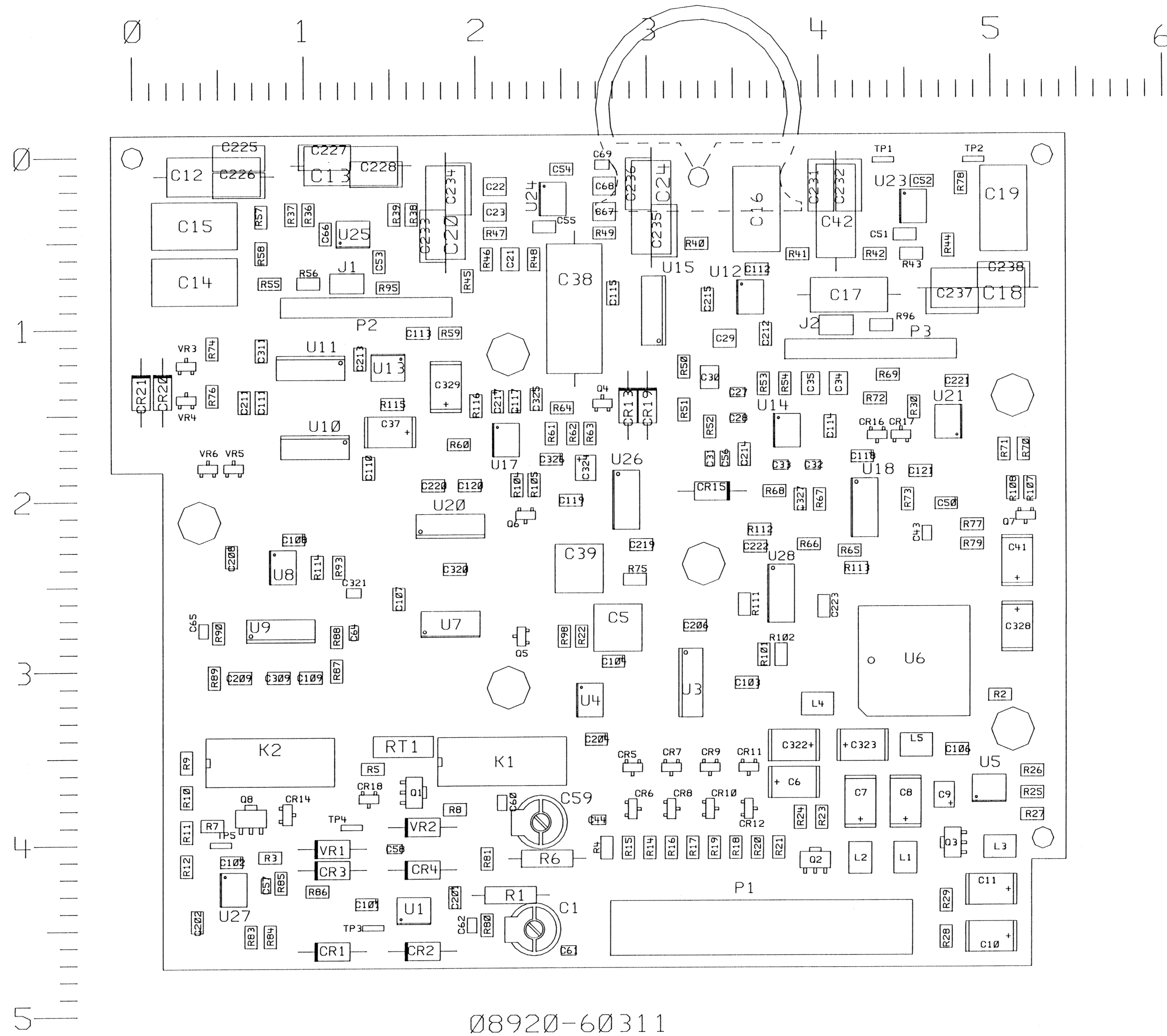
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A3 (Cont'd)	08920-69111	REF	AUDIO ANALYZER NO. 1	28480	08920-69111
A3R14	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R15	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R16	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R17	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R18	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R19	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R20	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R21	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R22	0699-1410	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	81349	M55342K07R61E9R
A3R23	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A3R24	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A3R25	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A3R26	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A3R27	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A3R28	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A3R29	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A3R30	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A3R36	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A3R37	0699-1443	1	RESISTOR 147K +-1% .125W TF TC=0+-100	81349	M55342K07R147ER
A3R38	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A3R39	0699-1332	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196ER
A3R40	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R41	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A3R42	0699-1405	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	81349	M55342K07R38E3R
A3R43	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A3R44	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A3R45	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R46	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A3R47	0699-1405	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	81349	M55342K07R38E3R
A3R48	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A3R49	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A3R50	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R51	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A3R52	0699-1405	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	81349	M55342K07R38E3R
A3R53	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A3R54	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A3R55	0699-1319	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	81349	M55342K07R12E1R
A3R56	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A3R57	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A3R58	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A3R59	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A3R60	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A3R61	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A3R62	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A3R63	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A3R64	0699-1440	1	RESISTOR 121K +-1% .125W TF TC=0+-100	81349	M55342K07R121ER
A3R65	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A3R66	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A3R67	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R68	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R

A3 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A3 (Cont'd)	08920-69111	REF	AUDIO ANALYZER NO. 1	28480	08920-69111
A3U12	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U13	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U14	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U15	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A3U17	1826-2150	1	IC COMPARATOR PRCN SINGLE 8 PIN	04713	LM211D
A3U18	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A3U20	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A3U21	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U23	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U24	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U25	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U26	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01295	TL074CD
A3U27	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U28	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A3VR1	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A3VR2	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A3VR3	1902-1574	1	DIODE-ZNR 6.8V 5% TO-236	04713	BZX84C6V8T1
A3VR4	1902-1574	1	DIODE-ZNR 6.8V 5% TO-236	04713	BZX84C6V8T1
A3VR5	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A3VR6	1902-1512	1	DIODE-ZNR 7.5V 5% TO-236	04713	BZX84C7V5
A3W1	1258-0209	1	JUMPER-REMOVABLE 2-POS .250-IN	22526	68786-202
A3W2	1258-0209	1	JUMPER-REMOVABLE 2-POS .250-IN	22526	68786-202
A3	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A3	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843

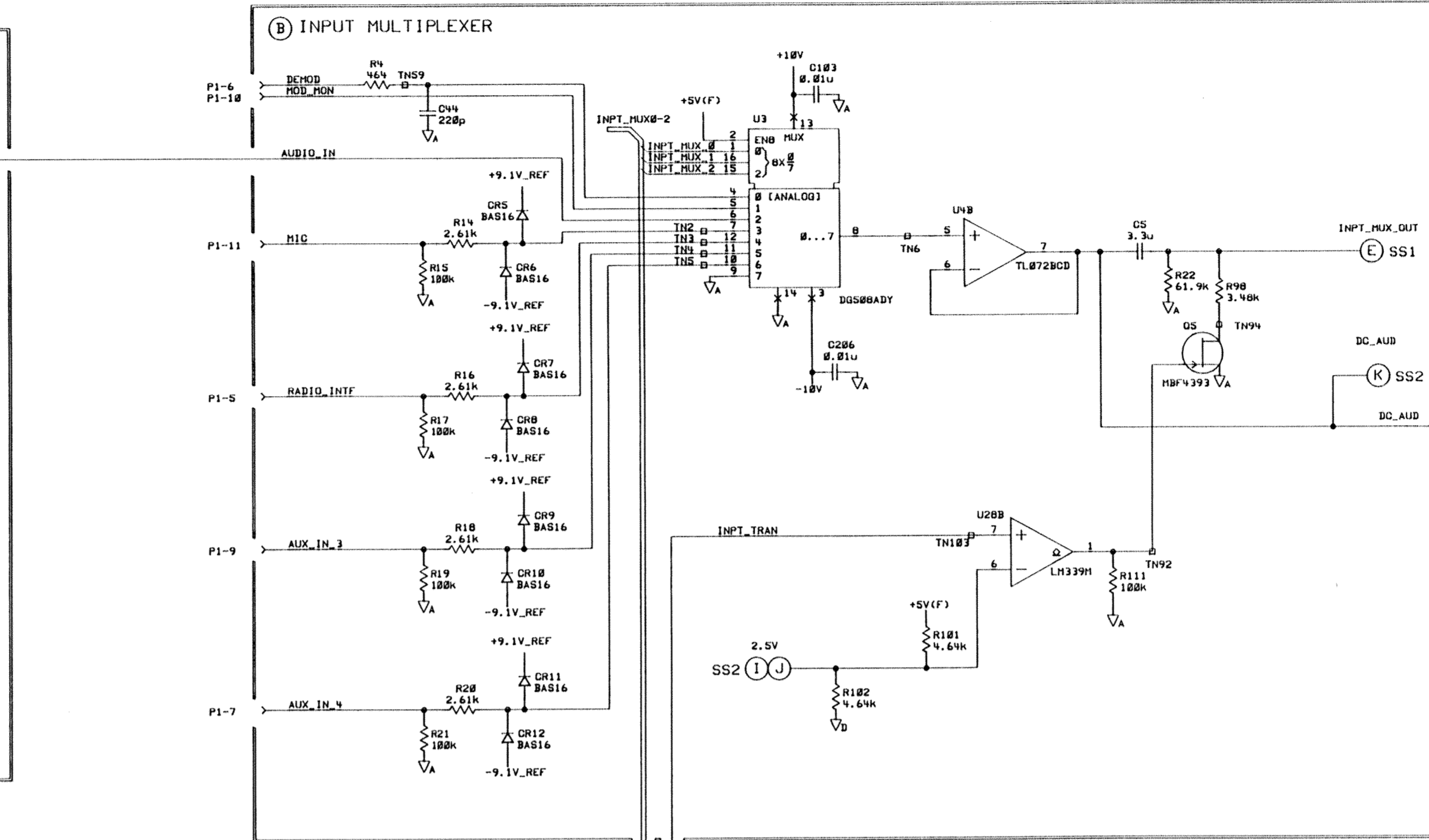
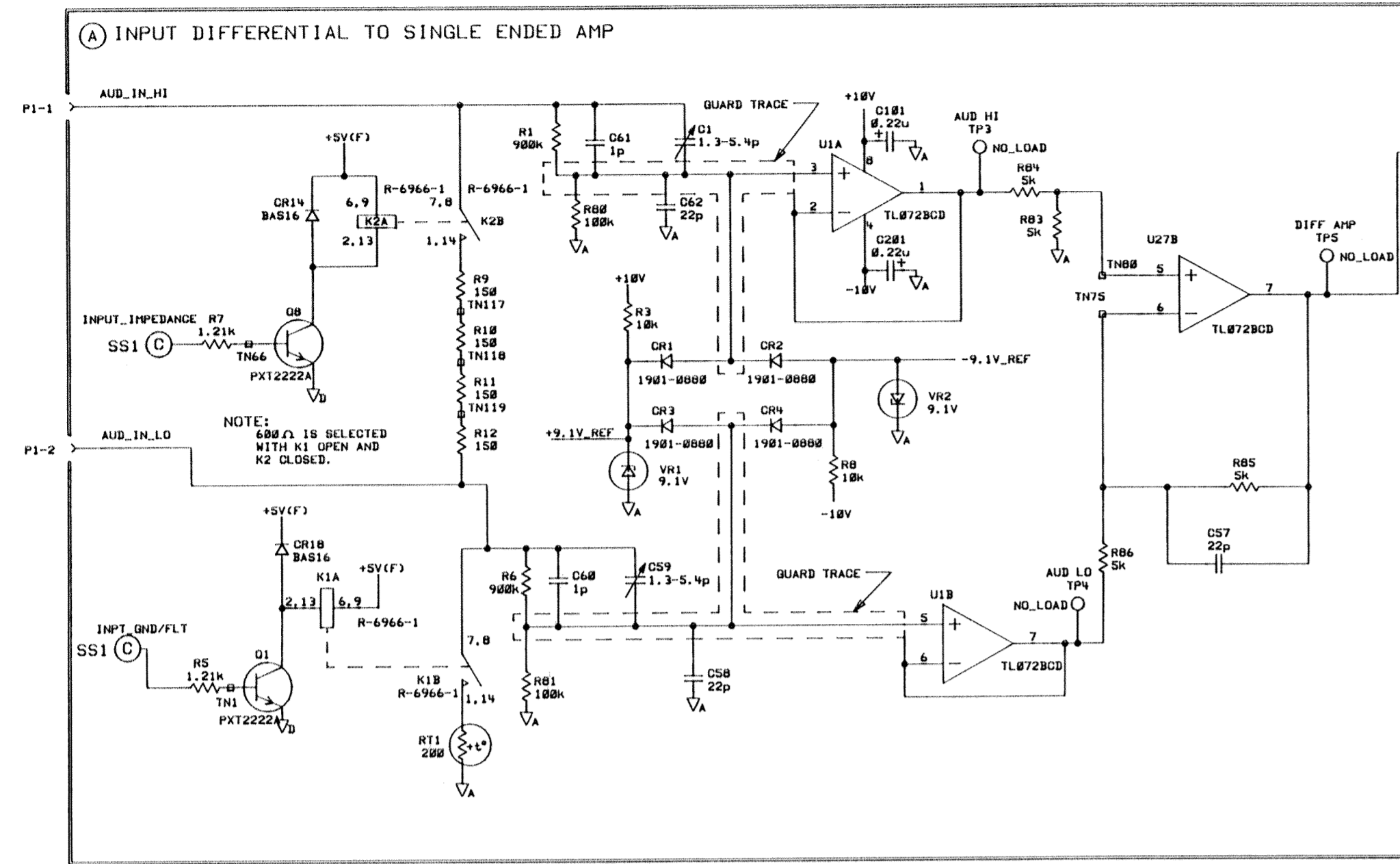
A3 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A3 (Cont'd)	08920-69111	REF	AUDIO ANALYZER NO. 1	28480	08920-69111
A3R69	0699-1394	1	RESISTOR 14.7K +1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A3R70	0699-1390	1	RESISTOR 9.09K +1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A3R71	0699-1398	1	RESISTOR 21.5K +1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A3R72	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A3R73	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+-100	28480	0699-1318
A3R74	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A3R75	0699-1398	1	RESISTOR 21.5K +1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A3R76	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A3R77	0699-1329	1	RESISTOR 6.19K +1% .125W TF TC=0+-100	56699	9C12063A-475KLR
A3R78	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+-100	28480	0699-1318
A3R79	0699-1378	1	RESISTOR 2.61K +1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A3R80	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	81349	M55342E07R100BR
A3R81	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	81349	M55342E07R100BR
A3R83	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	11502	W1206R035001BT
A3R84	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	11502	W1206R035001BT
A3R85	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	11502	W1206R035001BT
A3R86	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	11502	W1206R035001BT
A3R87	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A3R88	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	11502	W1206R039001BT
A3R89	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A3R90	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	11502	W1206R039001BT
A3R93	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A3R95	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A3R96	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A3R98	0699-1381	1	RESISTOR 3.48K +1% .125W TF TC=0+-100	81349	M55342K07R3E48R
A3R101	0699-1384	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A3R102	0699-1384	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A3R104	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+-100	28480	0699-1318
A3R105	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+-100	28480	0699-1318
A3R107	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+-100	28480	0699-1318
A3R108	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+-100	28480	0699-1318
A3R111	0699-1330	1	RESISTOR 100K +1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R112	0699-1330	1	RESISTOR 100K +1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R113	0699-1330	1	RESISTOR 100K +1% .125W TF TC=0+-100	81349	M55342K07R100ER
A3R114	0699-1364	1	RESISTOR 68.1 +1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A3R115	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A3R116	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A3RT1	0837-0315	1	THERMISTOR DISC 200-OHM TC=+1.18%/DEG C	75263	RL3312-200-120-50PTO
A3TP1	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A3TP2	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A3U1	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U3	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A3U4	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A3U5	1826-1826	1	IC V RGLTR-ADJ-POS 1.2/37V 8-P-SOIC PKG	27014	LM317LM
A3U6	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A3U7	1820-5220	1	IC INV CMOS/HC HEX	01295	SN74HC04D
A3U8	1826-2218	1	IC OP AMP LOW-OFS DUAL 8 PIN PLSTC-SOIC	04713	LF412CD
A3U9	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A3U10	1820-5557	1	IC DCDR CMOS/HC BIN 2-TO-4-LINE DUAL	27014	MM74HC139M
A3U11	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY



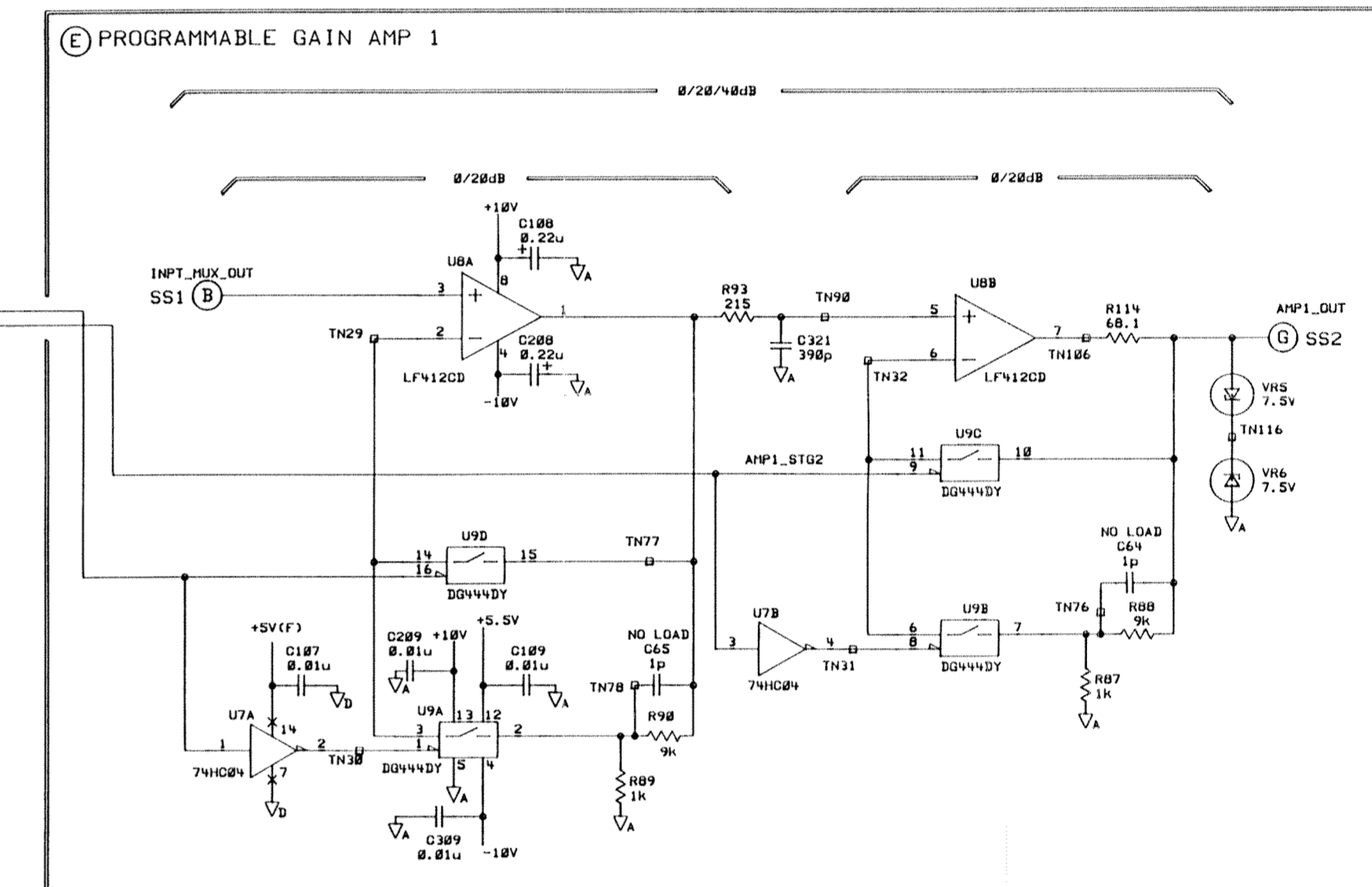
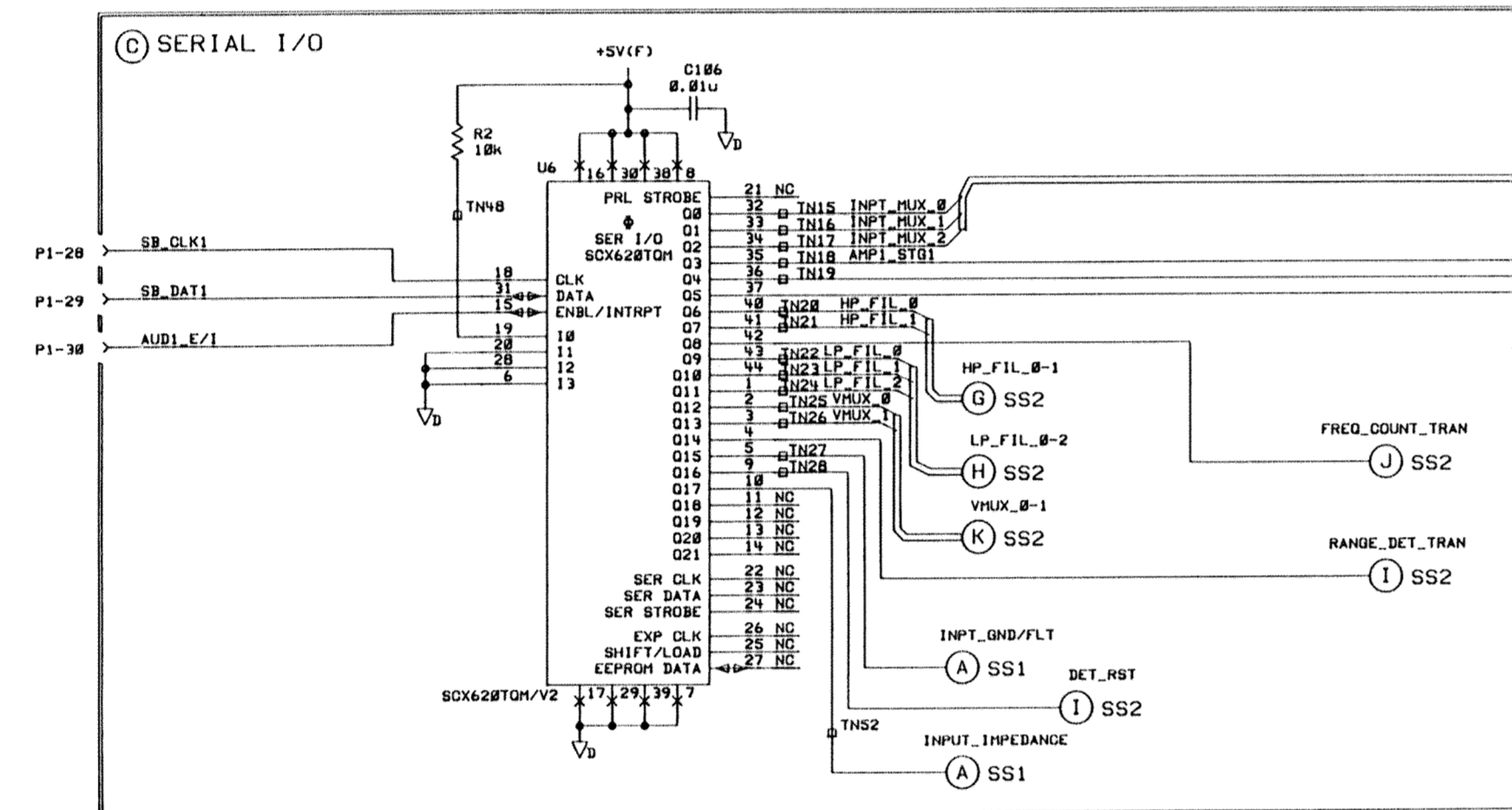
08920-60311

SYM	REVISIONS	APPROVED	DATE
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B	CHG'D PER PCO 10-7529	[REDACTED]	02/03/93



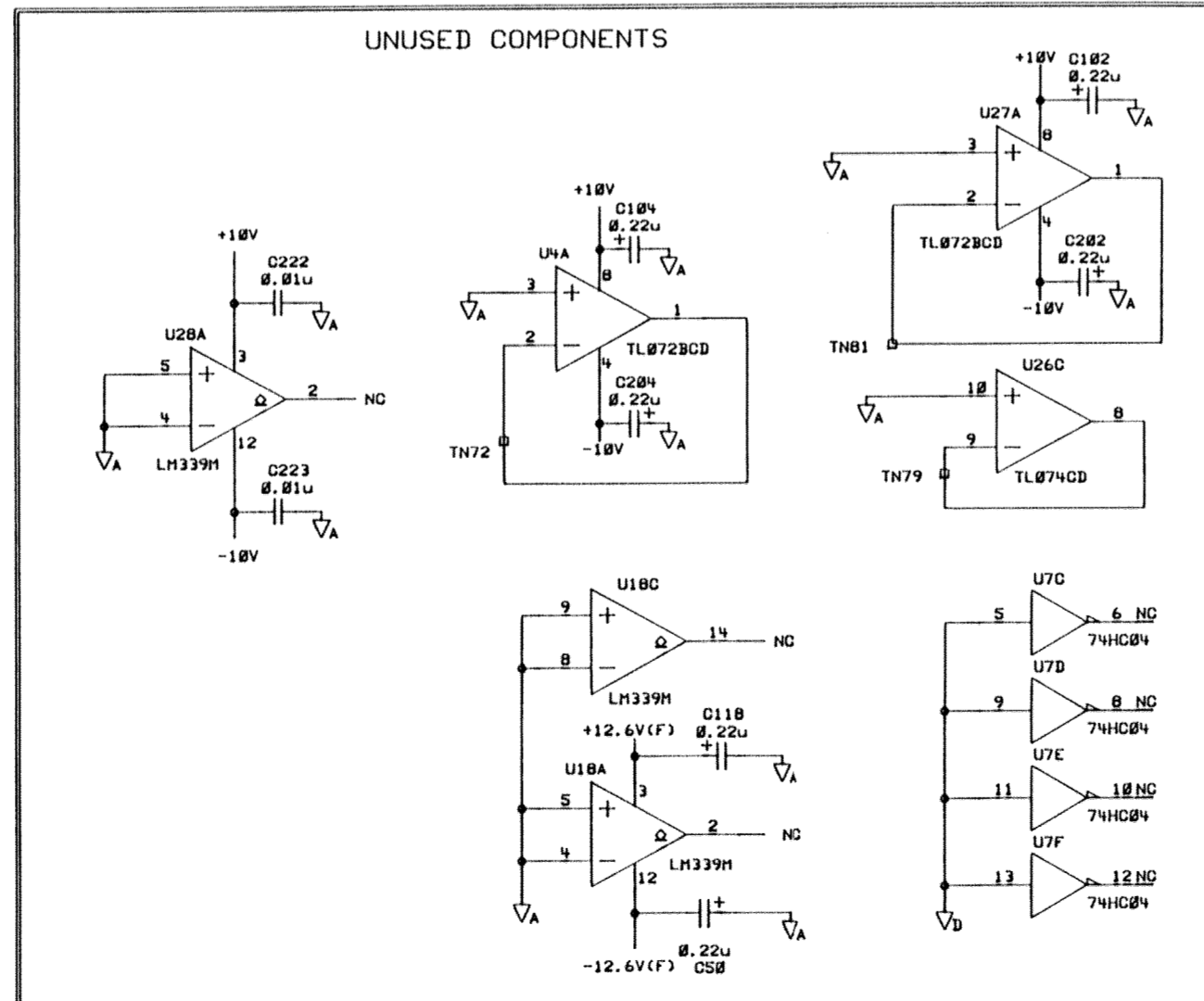
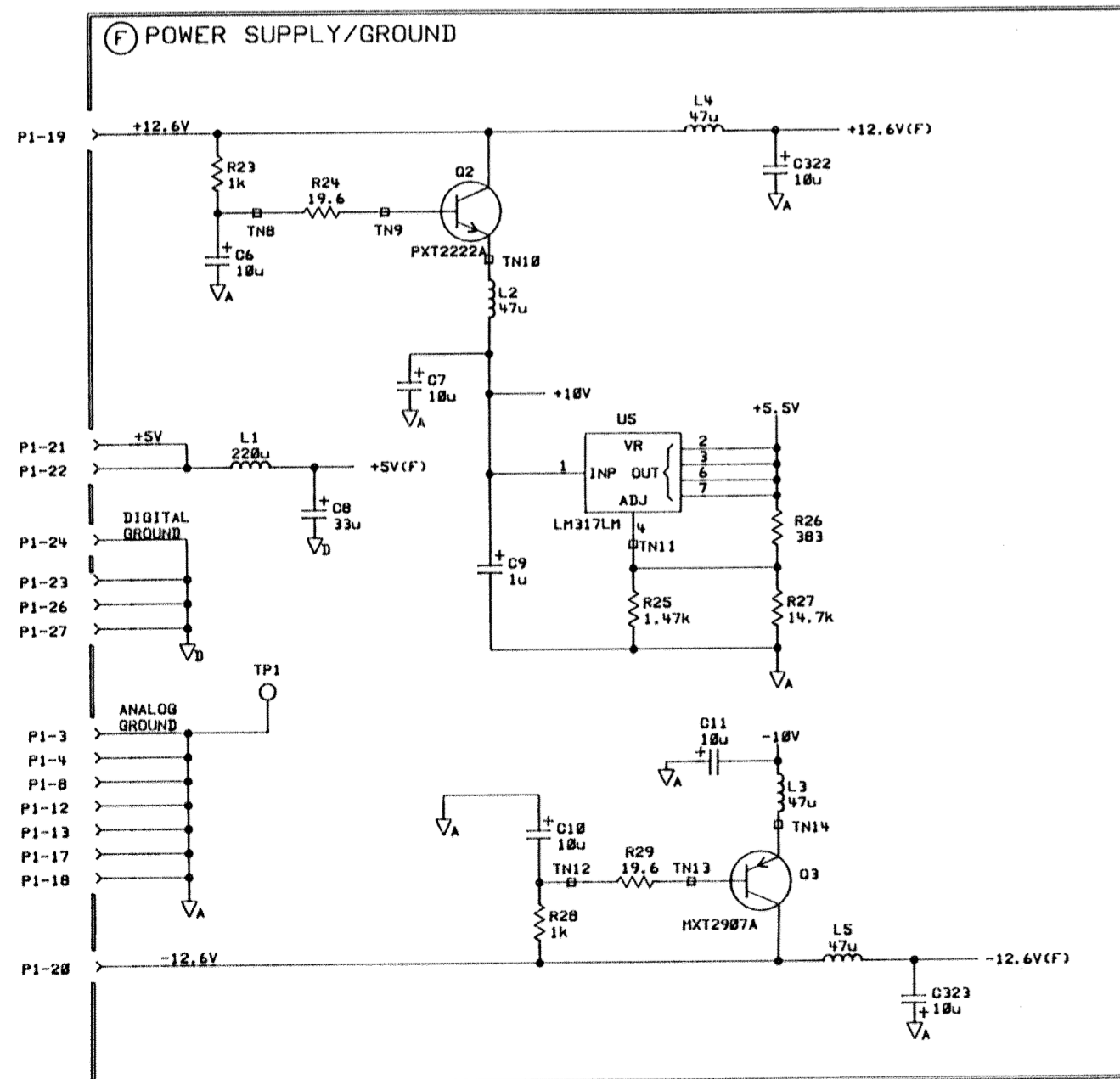
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REF	DES	SHT#	BLOCK
TP3	SS1	A	
TP4	SS1	A	
TP5	SS1	A	
C64	SS1	E	
C65	SS1	E	
C68	SS2	H	
C225	SS2	G	
C226	SS2	G	
C227	SS2	G	
C228	SS2	G	
C231	SS2	H	
C232	SS2	H	
C233	SS2	H	
C234	SS2	H	
C235	SS2	H	
C236	SS2	H	
C237	SS2	H	
C238	SS2	H	



GAIN AMP 1

GAIN	AMP1_STG1	AMP1_STG2
0	0	0
20	0	1
40	1	1

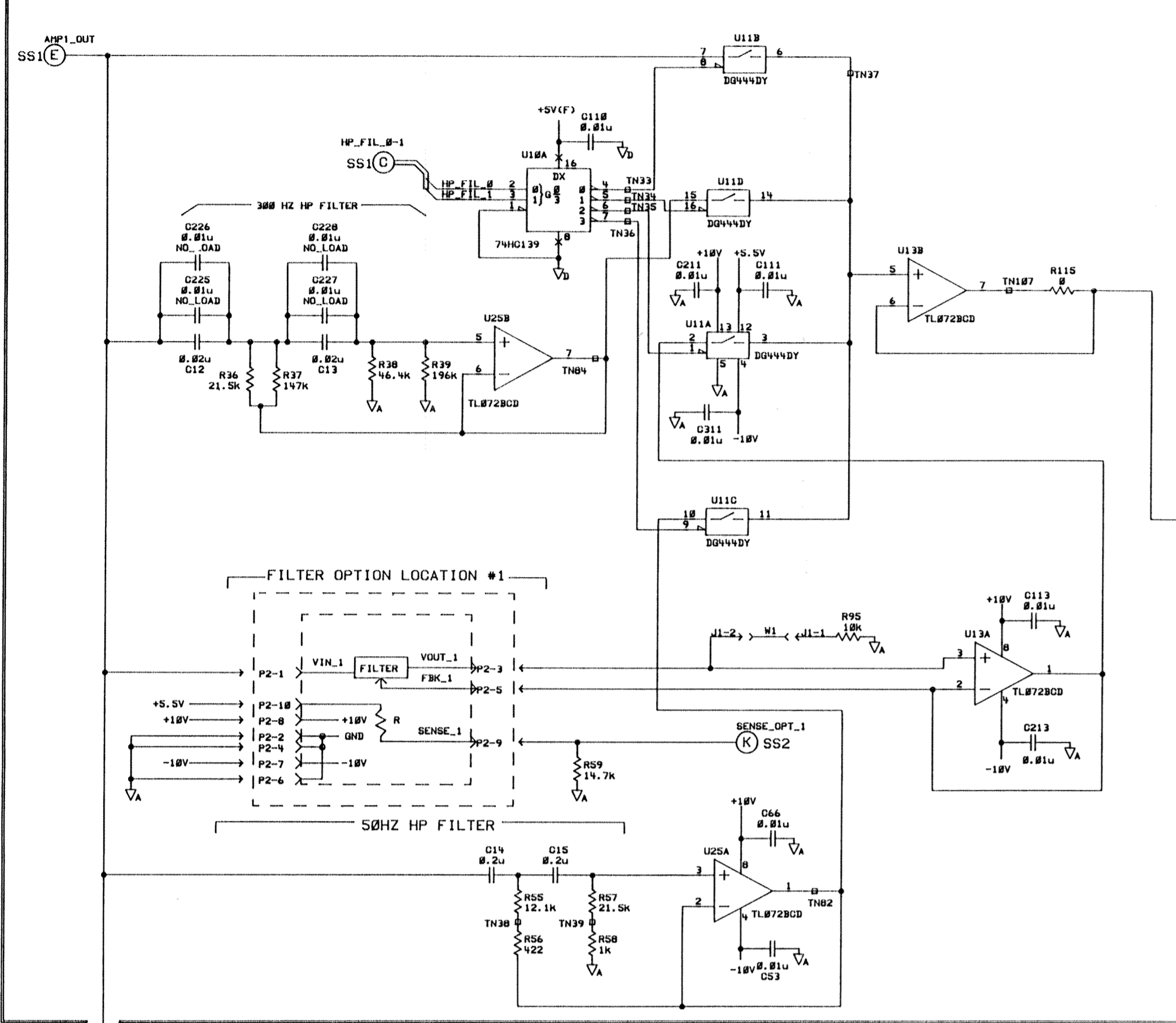


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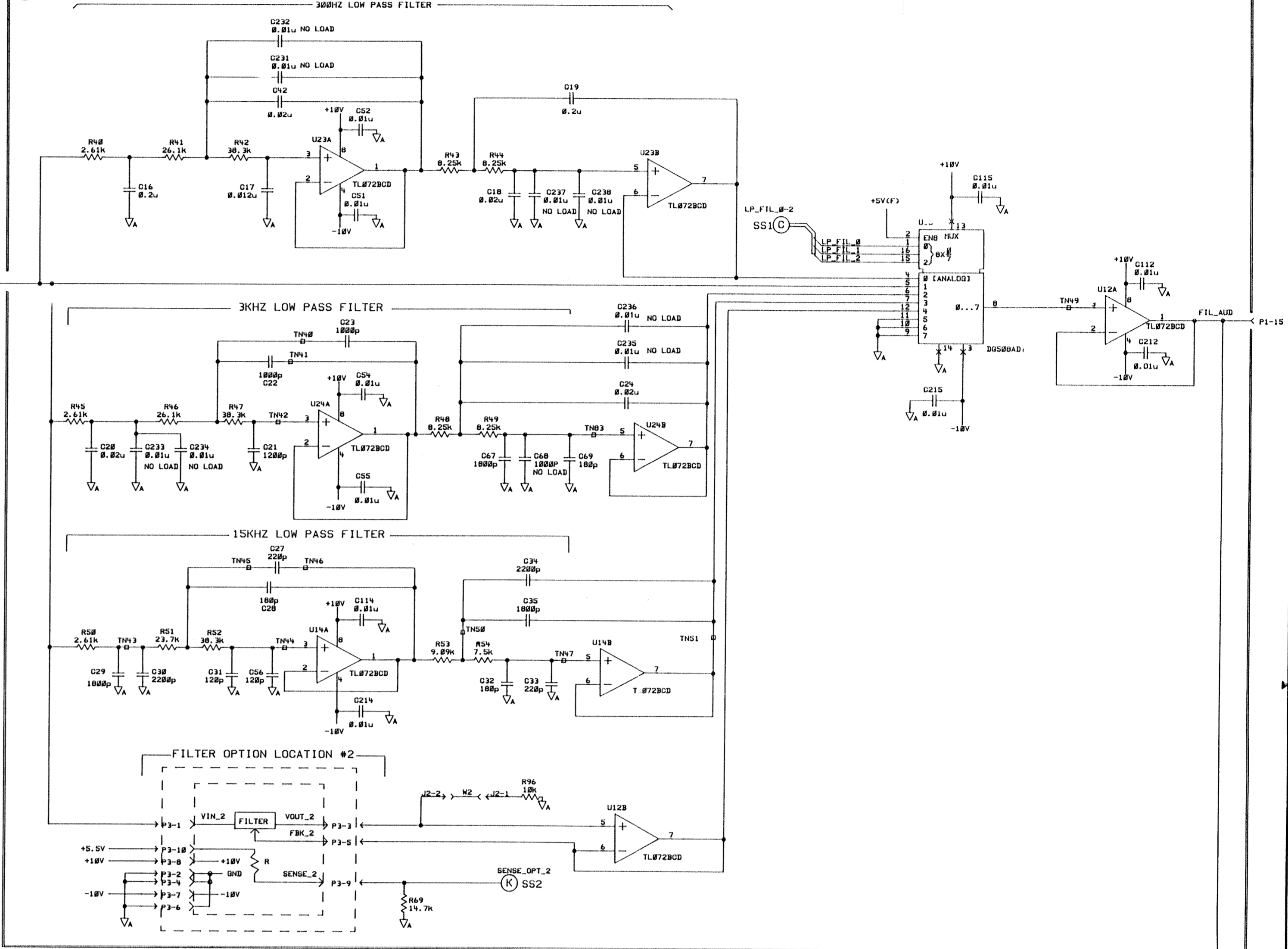
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ENGINEER/CHECKER [REDACTED]	01-24-92		SCALE NONE
RELEASE TO PROD. [REDACTED]	07-21-92		SHEET 1 OF 2
SUPERSEDES DWG.	DATE		PART NUMBER 08920-60311
TITLE		D-08920-60311-1	

SYN	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 10-7191		0 /21/92
B	CHG'D PER PCO 10-7529		02/03/93

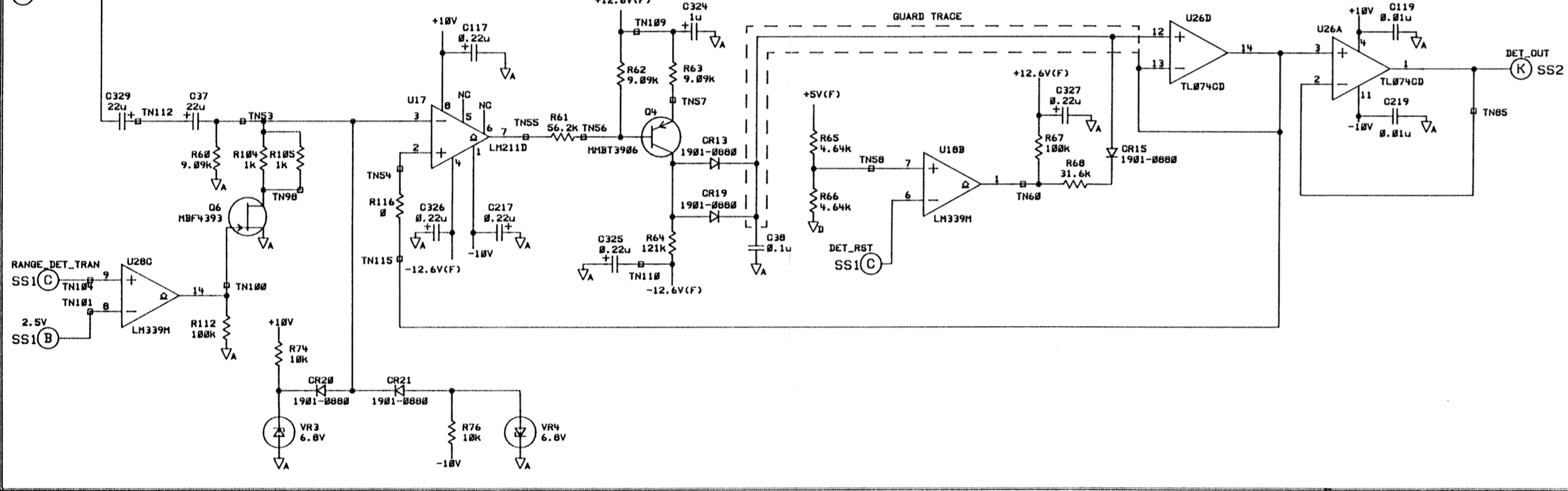
G HIGH PASS FILTERS



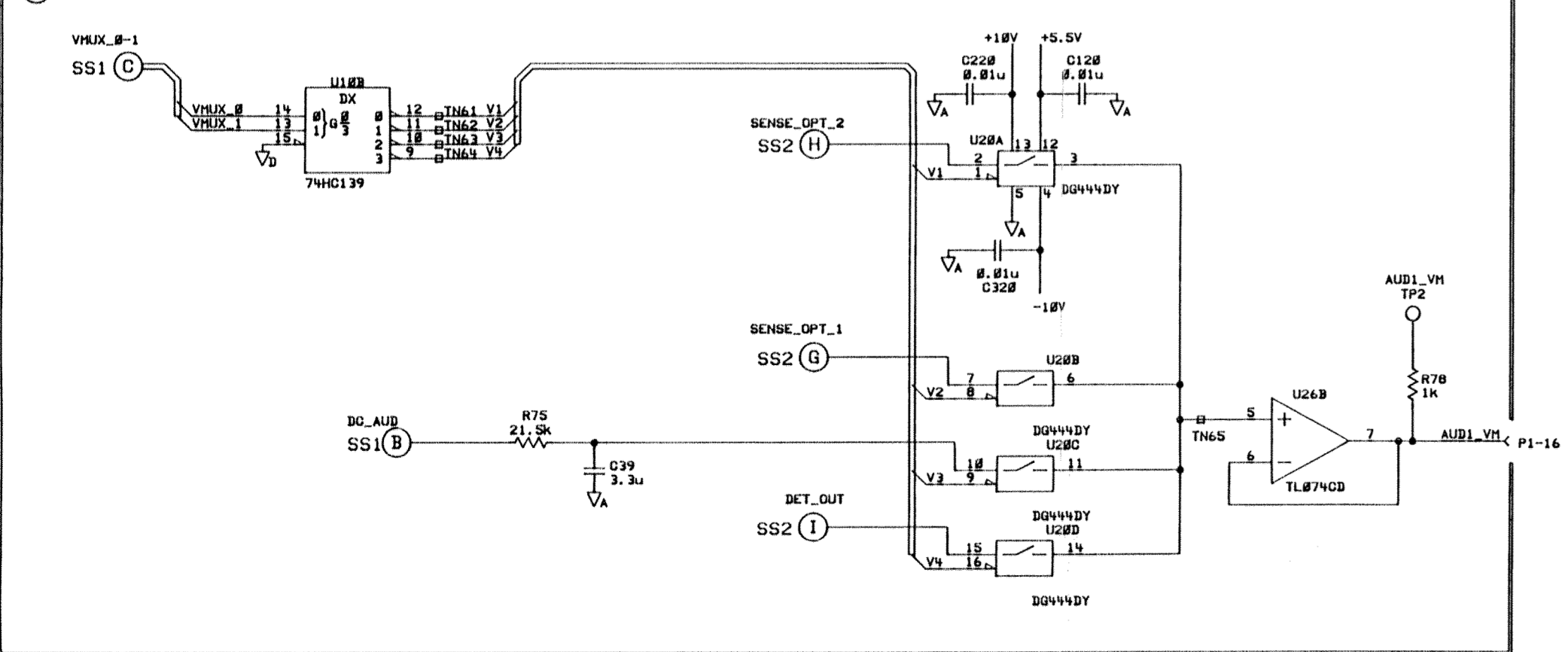
H LOW PASS FILTERS



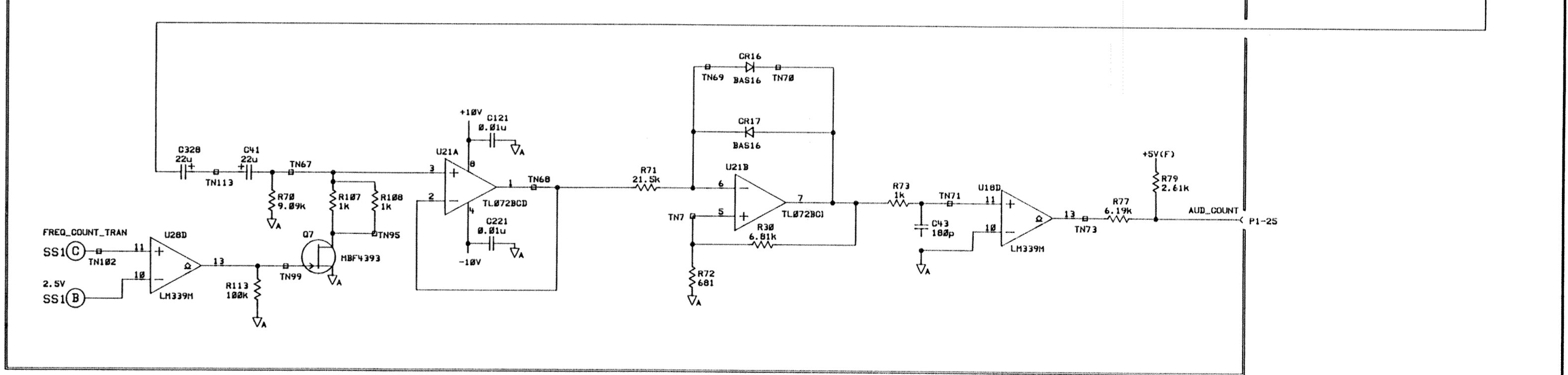
I AUDIO RANGE DETECTOR



K AUDIO 1 VOLTMETER MULTIPLEXER



J FREQUENCY COUNTER



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01-24-92
 01-24-92
 07-21-92
 DATE

SCHEMATIC, PWA
 AUDIO #1 BOARD
 HP8920 TEST SET

s2ba1311
 FILENAME
 SCALE NONE
 SHEET 2 OF 2
 08920-60311
 PART NUMBER
 D-08920-60311-1

Component-Level Information Packet
A4
MODULATION DISTRIBUTION
08920-69109

8920A COMPONENT LEVEL INFORMATION ERRATA

A4 Modulation Distribution

Change title page part number to:
08920-61809

Change A4 to:

A4, 08920-61809, 1, MODULATION DISTRIBUTION (New), 28480, 08920-61809
A4, 08920-69109, 1, MODULATION DISTRIBUTION (Exchange), 28480, 08920-69109
A4, 08920-60409-1, REF, MODULATION DISTRIBUTION SCHEMATIC DIAGRAM
A4, 08920-60409-2, REF, MODULATION DISTRIBUTION COMPONENT LOCATOR

Add A4C608:

A4C608, 0160-6104, 1, CAP-FXD CER 2200PF +-5% 50V C0G, 81349, CDR32BP222AJWM

Add A4C609:

A4C609, 0160-6098, 1, CAP-FXD CER 680PF +-5% 50V C0G, 81349, CDR32BP681BJWM

Add A4C610:

A4C610, 0160-6735, 1, CAP-FXD CER 4700PF +-10% 50V X7R, 81349, CDR32BX472BKWM

Add A4C611:

A4C611, 0160-5952, 1, CAP-FXD CER 330PF +-5% 50V C0G, 51406, GRM40-001C0G331J050C

Add A4C612:

A4C612, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A4C613:

A4C613, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A4C614:

A4C614, 0160-6104, 1, CAP-FXD CER 2200PF +-5% 50V C0G, 81349, CDR32BP222AJWM

Add A4C615:

A4C615, 0160-6105, 1, CAP-FXD CER 2700PF +-5% 50V C0G, 81349, CDR32BP272AJWM

Add A4C616:

A4C616, 0160-5951, 1, CAP-FXD CER 390PF +-5% 50V C0G, 51406, GRM40C0G391J050C

Add A4C617:

A4C617, 0160-6105, 1, CAP-FXD CER 2700PF +-5% 50V C0G, 81349, CDR32BP272AJWM

Add A4C618:

A4C618, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A4C619:

A4C619, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A4C620:

A4C620, 0160-6104, 1, CAP-FXD CER 2200PF +-5% 50V C0G, 81349, CDR32BP222AJWM

Add A4C621:

A4C621, 0160-6105, 1, CAP-FXD CER 2700PF +-5% 50V C0G, 81349, CDR32BP272AJWM

Add A4C622:

A4C622, 0160-5951, 1, CAP-FXD CER 390PF +-5% 50V C0G, 51406, GRM40C0G391J050C

8920A COMPONENT LEVEL INFORMATION ERRATA

A4 Modulation Distribution

Add A4C623:

A4C623, 0160-6105, 1, CAP-FXD CER 2700PF +-5% 50V C0G, 81349, CDR32BP272AJWM

Add A4C624:

A4C624, 0160-6736, 1, CAP-FXD CER .01UF +-10% 50V X7R, 81349, CDR32BX103BKWM

Add A4C625:

A4C625, 0160-6736, 1, CAP-FXD CER .01UF +-10% 50V X7R, 81349, CDR32BX103BKWM

Add A4C626:

A4C626, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A4C627:

A4C627, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A4C628:

A4C628, 0160-6105, 1, CAP-FXD CER 2700PF +-5% 50V C0G, 81349, CDR32BP272AJWM

Add A4R1:

A4R1, 0699-1445, 1, RES-FXD TF 215K +-1% .125W 0+-100TC, 81349, M55342K07B215ER

Add A4R2:

A4R2, 0699-1391, 1, RES-FXD TF 10K +-1% .125W 0+-100TC, 81349, M55342K07B10E0R

Add A4R621:

A4R621, 0699-1385, 1, RES-FXD TF 5.11K +-1% .125W 0+-100TC, 81349, M55342K07B5E11R

Add A4R623:

A4R623, 0699-1385, 1, RES-FXD TF 5.11K +-1% .125W 0+-100TC, 81349, M55342K07B5E11R

Add A4R625:

A4R625, 0699-1389, 1, RES-FXD TF 8.25K +-1% .125W 0+-100TC, 81349, M55342K07B8E25R

Add A4R627:

A4R627, 0699-1388, 1, RES-FXD TF 7.5K +-1% .125W 0+-100TC, 81349, M55342K07B7E50R

Add A4R629:

A4R629, 0699-1388, 1, RES-FXD TF 7.5K +-1% .125W 0+-100TC, 81349, M55342K07B7E50R

Add A4R631:

A4R631, 0699-1386, 1, RES-FXD TF 5.62K +-1% .125W 0+-100TC, 81349, M55342K07R5E62R

Add A4R632:

A4R632, 0699-1447, 1, RES-FXD TF 261K +-1% .125W 0+-100TC, 81349, M55342K07B261ER

Add A4R633:

A4R633, 0699-1447, 1, RES-FXD TF 261K +-1% .125W 0+-100TC, 81349, M55342K07B261ER

Add A4R634:

A4R634, 0699-1403, 1, RES-FXD TF 31.6K +-1% .125W 0+-100TC, 81349, M55342K07B31E6R

Add A4R635:

A4R635, 0699-1447, 1, RES-FXD TF 261K +-1% .125W 0+-100TC, 81349, M55342K07B261ER

8920A COMPONENT LEVEL INFORMATION ERRATA

A4 Modulation Distribution

Add A4R637:

A4R637, 0699-1456, 1, RES-FXD TF 562K +-1% .125W 0+-100TC, 81349, M55342K07B562ER

Add A4R639:

A4R639, 0699-1456, 1, RES-FXD TF 562K +-1% .125W 0+-100TC, 81349, M55342K07B562ER

Add A4R641:

A4R641, 0699-1453, 1, RES-FXD TF 464K +-1% .125W 0+-100TC, 81349, M55342K07B464ER

Add A4R643:

A4R643, 0699-1453, 1, RES-FXD TF 464K +-1% .125W 0+-100TC, 81349, M55342K07B464ER

Add A4R645:

A4R645, 0699-1327, 1, RES-FXD TF 1M +-1% .125W 0+-100TC, 81349, M55342K07B1F00R

Add A4R647:

A4R647, 0699-1327, 1, RES-FXD TF 1M +-1% .125W 0+-100TC, 81349, M55342K07B1F00R

Add A4R804:

A4R804, 0699-2490, 1, RES-FXD TF 1K +-1% .125W 0+-25TC, 81349, M55342E07B1B00R

Add A4R805:

A4R805, 0699-2827, 1, RES-FXD TF 900OHM +-1% .125W 0+-25TC, 81349, M55342E07B900AR

Add A4R904:

A4R904, 0699-2490, 1, RES-FXD TF 1K +-1% .125W 0+-25TC, 81349, M55342E07B1B00R

Add A4R905:

A4R905, 0699-2827, 1, RES-FXD TF 900OHM +-1% .125W 0+-25TC, 81349, M55342E07B900AR

Add A4R1103:

A4R1103, 0699-1432, 1, RES-FXD TF 511OHM +-1% .125W 0+-100TC, 81349, M55342K07B511DR

Add A4R1104:

A4R1104, 0699-1391, 1, RES-FXD TF 10K +-1% .125W 0+-100TC, 81349, M55342K07B10E0R

Add A4R1105:

A4R1105, 0699-1330, 1, RES-FXD TF 100K +-1% .125W 0+-100TC, 81349, M55342K07B100ER

Add A4U603:

A4U603, 1826-1862, 1, IC-LIN OP AMPL LOW BIAS 10MV 200PA 13V, 04713, TL072CD

Add A4U604:

A4U604, 1826-1862, 1, IC-LIN OP AMPL LOW BIAS 10MV 200PA 13V, 04713, TL072CD

Add A4U605:

A4U605, 1826-1862, 1, IC-LIN OP AMPL LOW BIAS 10MV 200PA 13V, 04713, TL072CD

Add A4U607:

A4U607, 1826-1836, 1, IC-LIN MLTPLXR ANALOG 8-CHNL 600NS +-15V, 17856, DG508ADY

Add A4U608:

A4U608, 1826-1862, 1, IC-LIN OP AMPL LOW BIAS 10MV 200PA 13V, 04713, TL072CD

8920A COMPONENT LEVEL INFORMATION ERRATA

A4 Modulation Distribution

Add A4U1105:

A4U1105, 1820-6277, 1, IC-DGTL S-RGSTR CMOS/HC SYNC/ASYNC MSI S-IN P-OUT, 27014,
NM74HC595M

Add A4U1106:

A4U1106, 1818-5236, 1, IC-EEPROM CMOS 256X16 3-S 500NS, 27014, NM93C66M8

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.

A4 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A4	08920-69109	1	MODULATION DISTRIBUTION (Exchange)	28480	08920-69109
A4	08920-60109-1	REF	MODULATION DISTRIBUTION SCHEMATIC DIAGRAM		
A4	08920-60109-2	REF	MODULATION DISTRIBUTION COMPONENT LOCATOR		
A4C101	0160-3531	1	CAP-FXD 2UF +5% 50V POLYC-MET	28480	0160-3531
A4C102	0160-5974	1	CAP-FXD 8.2PF +-6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A4C103	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C104	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A4C106	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C107	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C108	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C109	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C110	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C111	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C112	0160-6099	1	CAP-FXD 820PF +-5% 50V CER COG	81349	CDR32BP821BJWM
A4C113	0160-6670	1	CAP-FXD 3300PF +-5% 50V CER COG	81349	CDR33BX332AJWM
A4C114	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C115	0160-6670	1	CAP-FXD 3300PF +-5% 50V CER COG	81349	CDR33BX332AJWM
A4C201	0180-3750	1	CAP-FXD 0.47UF +-20% 35V TA	33297	NRS474M35R8
A4C202	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A4C203	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A4C204	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A4C205	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C206	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C207	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C208	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C301	0160-5976	1	CAP-FXD 12PF +-5% 50V CER COG	81349	CDR01BP120BJWM
A4C302	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C303	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C304	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C305	0160-5976	1	CAP-FXD 12PF +-5% 50V CER COG	81349	CDR01BP120BJWM
A4C401	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C402	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C403	0160-5961	1	CAP-FXD 22PF +-5% 50V CER COG	81349	CDR01BP220BJWM
A4C404	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C405	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C406	0160-5978	1	CAP-FXD 2.2PF +-22.73% 50V CER COG	51406	GRM40-001C0G2R2C050C
A4C601	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A4C602	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A4C603	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A4C604	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C605	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C606	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C607	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C701	0160-5976	1	CAP-FXD 12PF +-5% 50V CER COG	81349	CDR01BP120BJWM
A4C702	0160-5976	1	CAP-FXD 12PF +-5% 50V CER COG	81349	CDR01BP120BJWM
A4C703	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C704	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C705	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM

A4 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A4 (Cont'd)	08920-69109	REF	MODULATION DISTRIBUTION	28480	08920-69109
A4C706	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C707	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C1001	0160-5961	1	CAP-FXD 22PF +-5% 50V CER COG	81349	CDR01BP220BJWM
A4C1002	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C1003	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1004	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1005	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C1006	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C1007	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A4C1010	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1011	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1101	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C1102	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C1103	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C1104	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C1105	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C1106	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A4C1107	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A4C1108	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A4C1201	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A4C1202	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1203	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A4C1204	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1205	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A4C1206	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4C1207	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A4CR101	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR102	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR103	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR104	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR105	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR106	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR107	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4CR201	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR301	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4CR401	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4CR501	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4CR701	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4CR702	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4CR1001	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1002	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1003	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1004	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1005	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1006	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1007	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A4CR1101	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A4K201	0490-1608	1	RELAY-REED 1A 500MA 100VDC 5VDC-COIL	71707	9000-0045
A4K1001	0490-1608	1	RELAY-REED 1A 500MA 100VDC 5VDC-COIL	71707	9000-0045
A4L101	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922

A4 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A4 (Cont'd)	08920-69109	REF	MODULATION DISTRIBUTION	28480	08920-69109
A4L102	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A4L601	9140-1126	1	INDUCTOR 560UH +5% Q=30 SRF=3MHZ	7J069	NL453232-561J
A4L602	9140-1126	1	INDUCTOR 560UH +5% Q=30 SRF=3MHZ	7J069	NL453232-561J
A4L1001	9140-1114	1	INDUCTOR 15UH +5% Q=50 SRF=17MHZ	7J069	NL453232-150J-3
A4L1002	9140-1114	1	INDUCTOR 15UH +5% Q=50 SRF=17MHZ	7J069	NL453232-150J-3
A4L1003	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A4L1201	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A4L1202	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A4P1	1252-3453	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	1-534204-2
A4Q201	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A4Q1001	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A4Q1203	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A4Q1204	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A4R101	0698-6261	1	RESISTOR 600 +0.25% .25W TF TC=0+50	28480	0698-6261
A4R102	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R103	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R104	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R105	0699-1785	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	81349	M55342K07R13E3R
A4R106	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A4R107	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A4R108	0699-1405	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	81349	M55342K07R38E3R
A4R109	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A4R110	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R111	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A4R112	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A4R113	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A4R114	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A4R115	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A4R116	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A4R118	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A4R119	0699-1395	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	81349	M55342K07R16E2R
A4R120	0699-1395	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	81349	M55342K07R16E2R
A4R121	0699-1404	1	RESISTOR 34.8K +-1% .125W TF TC=0+-100	81349	M55342K07R34E8R
A4R122	0699-1453	1	RESISTOR 464K +-1% .125W TF TC=0+-100	81349	M55342K07R464ER
A4R123	0699-1404	1	RESISTOR 34.8K +-1% .125W TF TC=0+-100	81349	M55342K07R34E8R
A4R124	0699-1453	1	RESISTOR 464K +-1% .125W TF TC=0+-100	81349	M55342K07R464ER
A4R201	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R202	0699-1322	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	81349	M55342K07R68E1R
A4R203	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R204	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A4R205	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A4R206	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A4R207	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A4R301	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A4R302	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	11502	W1206R039001BT
A4R303	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	81349	M55342E07R1B00R
A4R304	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A4R402	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A4R403	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A4R404	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	81349	M55342E07R100BR

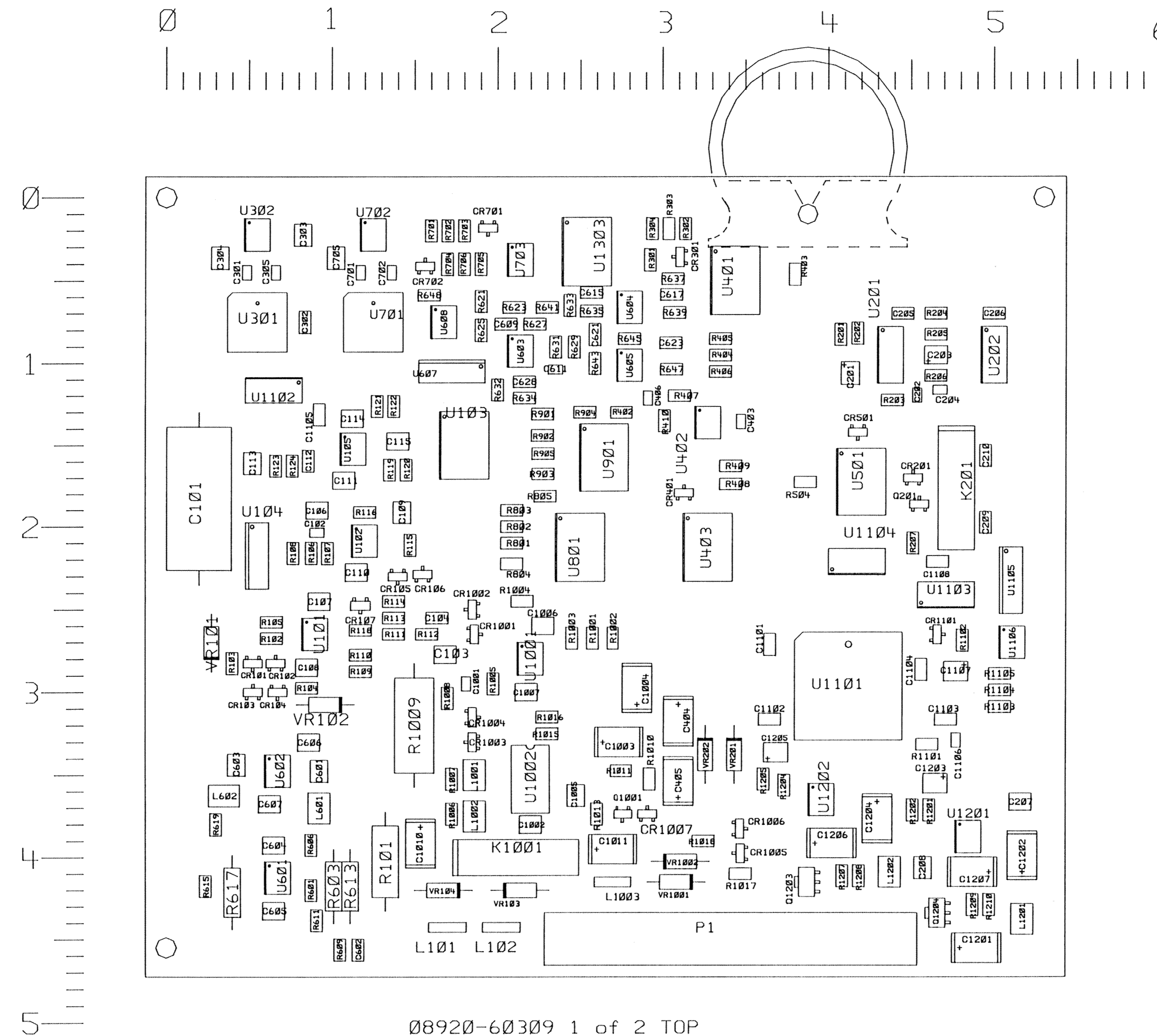
A4 Replaceable Parts

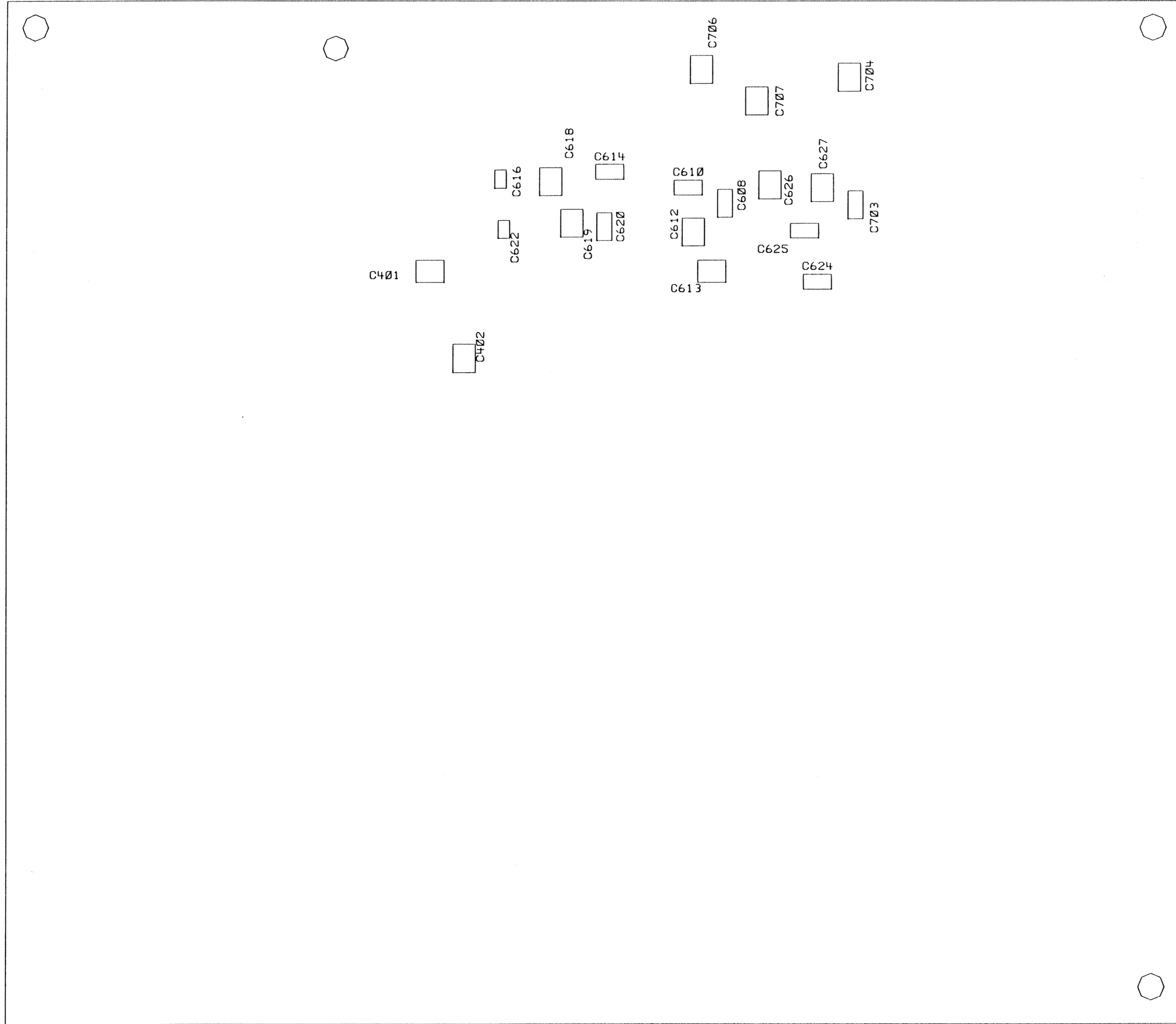
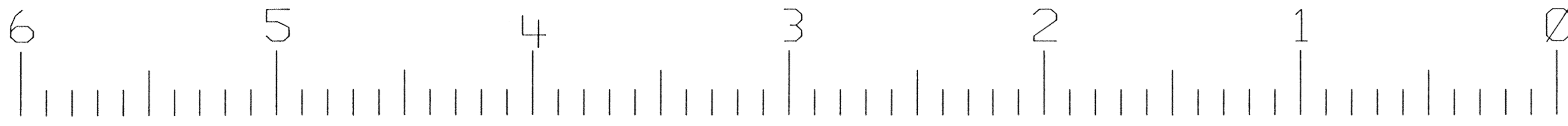
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A4 (Cont'd)	08920-69109	REF	MODULATION DISTRIBUTION	28480	08920-69109
A4R405	0699-2843	1	RESISTOR 100K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R100BR
A4R406	0699-2843	1	RESISTOR 100K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R100BR
A4R407	0699-2843	1	RESISTOR 100K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R100BR
A4R408	0699-2489	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R10B0R
A4R409	0699-2489	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R10B0R
A4R410	0699-1432	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R511DR
A4R504	0699-1432	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R511DR
A4R601	0699-1785	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R13E3R
A4R603	0698-8047	1	RESISTOR 32K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	RNC60J3202BS
A4R606	0699-1369	1	RESISTOR 1.1K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R1E10R
A4R609	0699-1371	1	RESISTOR 1.33K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R1E33R
A4R611	0699-1785	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R13E3R
A4R613	0698-8047	1	RESISTOR 32K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	RNC60J3202BS
A4R615	0699-1785	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R13E3R
A4R617	0698-8047	1	RESISTOR 32K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	RNC60J3202BS
A4R619	0699-1369	1	RESISTOR 1.1K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R1E10R
A4R701	0699-1318	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm -100	28480	0699-1318
A4R702	0699-2841	1	RESISTOR 9K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039001BT
A4R703	0699-2490	1	RESISTOR 1K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R1B00R
A4R704	0699-1318	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm -100	28480	0699-1318
A4R705	0699-2841	1	RESISTOR 9K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039001BT
A4R706	0699-2490	1	RESISTOR 1K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R1B00R
A4R801	0699-2841	1	RESISTOR 9K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039001BT
A4R802	0699-2827	1	RESISTOR 900 $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039000BT
A4R803	0699-2488	1	RESISTOR 100 $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R100AR
A4R901	0699-2841	1	RESISTOR 9K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039001BT
A4R902	0699-2827	1	RESISTOR 900 $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039000BT
A4R903	0699-2488	1	RESISTOR 100 $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R100AR
A4R1001	0699-2841	1	RESISTOR 9K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039001BT
A4R1002	0699-2841	1	RESISTOR 9K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R039001BT
A4R1003	0699-2489	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R10B0R
A4R1004	0699-2823	1	RESISTOR 8K $\pm 0.1\%$.125W TF TC=0 \pm -25	11502	W1206R038001BT
A4R1005	0699-1391	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10E0R
A4R1006	0699-1344	1	RESISTOR 10 $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10D0R
A4R1007	0699-1344	1	RESISTOR 10 $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10D0R
A4R1008	0699-2491	1	RESISTOR 20K $\pm 0.1\%$.125W TF TC=0 \pm -25	81349	M55342E07R20B0R
A4R1009	0764-0013	1	RESISTOR 56 $\pm 5\%$ 2W MO TC=0 \pm -200	28480	0764-0013
A4R1010	0699-1391	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10E0R
A4R1011	0699-1391	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10E0R
A4R1013	0699-1383	1	RESISTOR 4.22K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R4E22R
A4R1015	0699-1391	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10E0R
A4R1016	0699-1400	1	RESISTOR 26.1K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R26E1R
A4R1017	0699-1391	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10E0R
A4R1018	0699-1391	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R10E0R
A4R1101	0699-1318	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm -100	28480	0699-1318
A4R1102	0699-1330	1	RESISTOR 100K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R100ER
A4R1201	0699-1429	1	RESISTOR 383 $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R383DR
A4R1202	0699-1371	1	RESISTOR 1.33K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R1E33R
A4R1204	0699-1429	1	RESISTOR 383 $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R383DR
A4R1205	0699-1371	1	RESISTOR 1.33K $\pm 1\%$.125W TF TC=0 \pm -100	81349	M55342K07R1E33R

A4 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A4 (Cont'd)	08920-69109	REF	MODULATION DISTRIBUTION	28480	08920-69109
A4R1207	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A4R1208	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A4R1209	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A4R1210	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A4U101	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U102	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U103	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4U104	1826-1985	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG411DY
A4U105	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U201	1820-5709	1	IC SCHMITT-TRIG CMOS/HC INV HEX	01295	SN74HC14D
A4U202	1820-4938	1	IC GATE CMOS/HC EXCL-OR QUAD 2-INP	01295	SN74HC86D
A4U301	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	24355	AD7528JP
A4U302	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U401	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4U402	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U403	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4U501	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4U601	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U602	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U701	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	24355	AD7528JP
A4U702	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U703	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U801	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4U901	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4U1001	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A4U1002	1826-1808	1	IC MISC HS 8 PIN DIP-P	27014	LM6321N
A4U1101	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A4U1102	1820-6129	1	IC SHF-RGTR CMOS/HC SYNC/ASYN SERIAL-IN	27014	MM74HC164M
A4U1103	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A4U1104	1820-5562	1	IC GATE CMOS/HC NOR QUAD 2-INP	04713	MC74HC02AD
A4U1201	1826-1826	1	IC V RGLTR-ADJ-POS 1.2/37V 8-P-SOIC PKG	27014	LM317LM
A4U1202	1826-1841	1	IC V RGLTR-ADJ-NEG 1.2/37V 8-P-SOIC PKG	27014	LM337LM
A4U1303	1820-6972	1	IC ANLG-MUXR/DEMURX CMOS/HC TPL	04713	MC74HC4053DW
A4VR101	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A4VR102	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A4VR103	1902-0955	1	DIODE-ZNR 7.5V 5% PD=.4W TC=+.06% DO-35	28480	1902-0955
A4VR104	1902-0955	1	DIODE-ZNR 7.5V 5% PD=.4W TC=+.06% DO-35	28480	1902-0955
A4VR201	1902-0955	1	DIODE-ZNR 7.5V 5% PD=.4W TC=+.06% DO-35	28480	1902-0955
A4VR202	1902-0955	1	DIODE-ZNR 7.5V 5% PD=.4W TC=+.06% DO-35	28480	1902-0955
A4VR1001	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A4VR1002	1902-0957	1	DIODE-ZNR 9.1V 5% PD=.4W TC=+.069% DO-35	28480	1902-0957
A4	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A4	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843

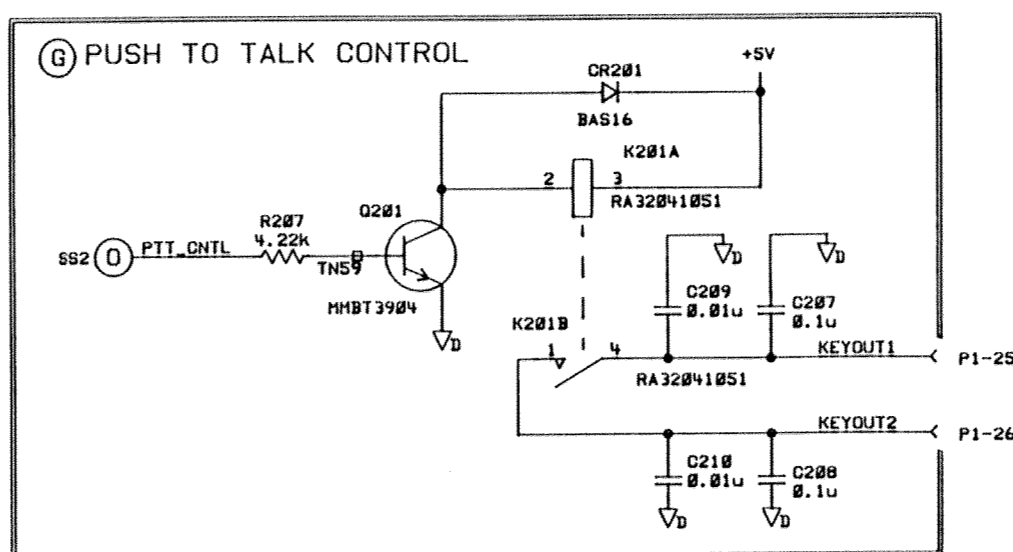
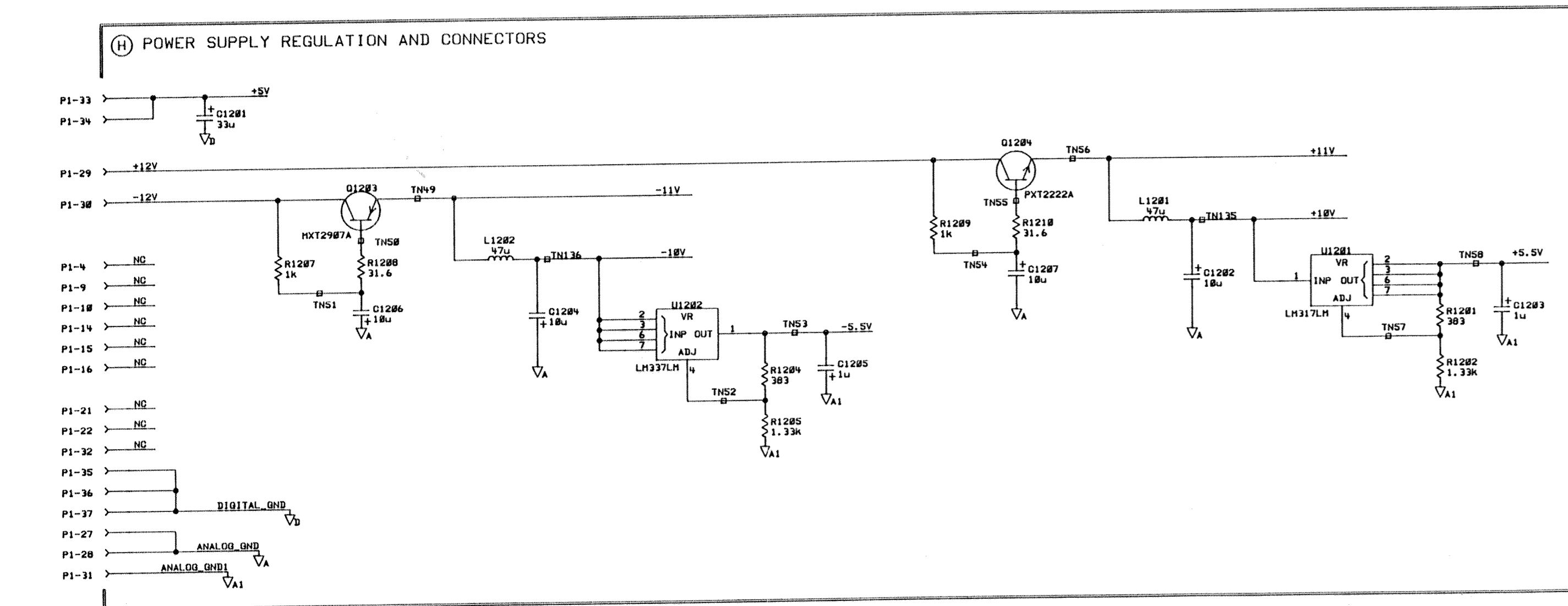
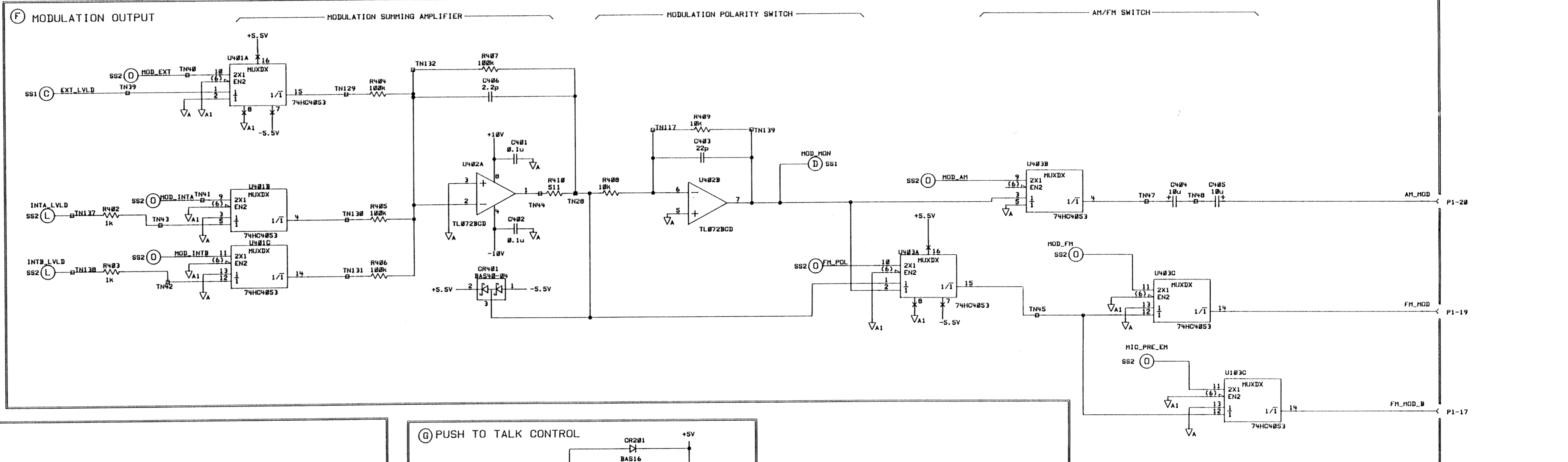
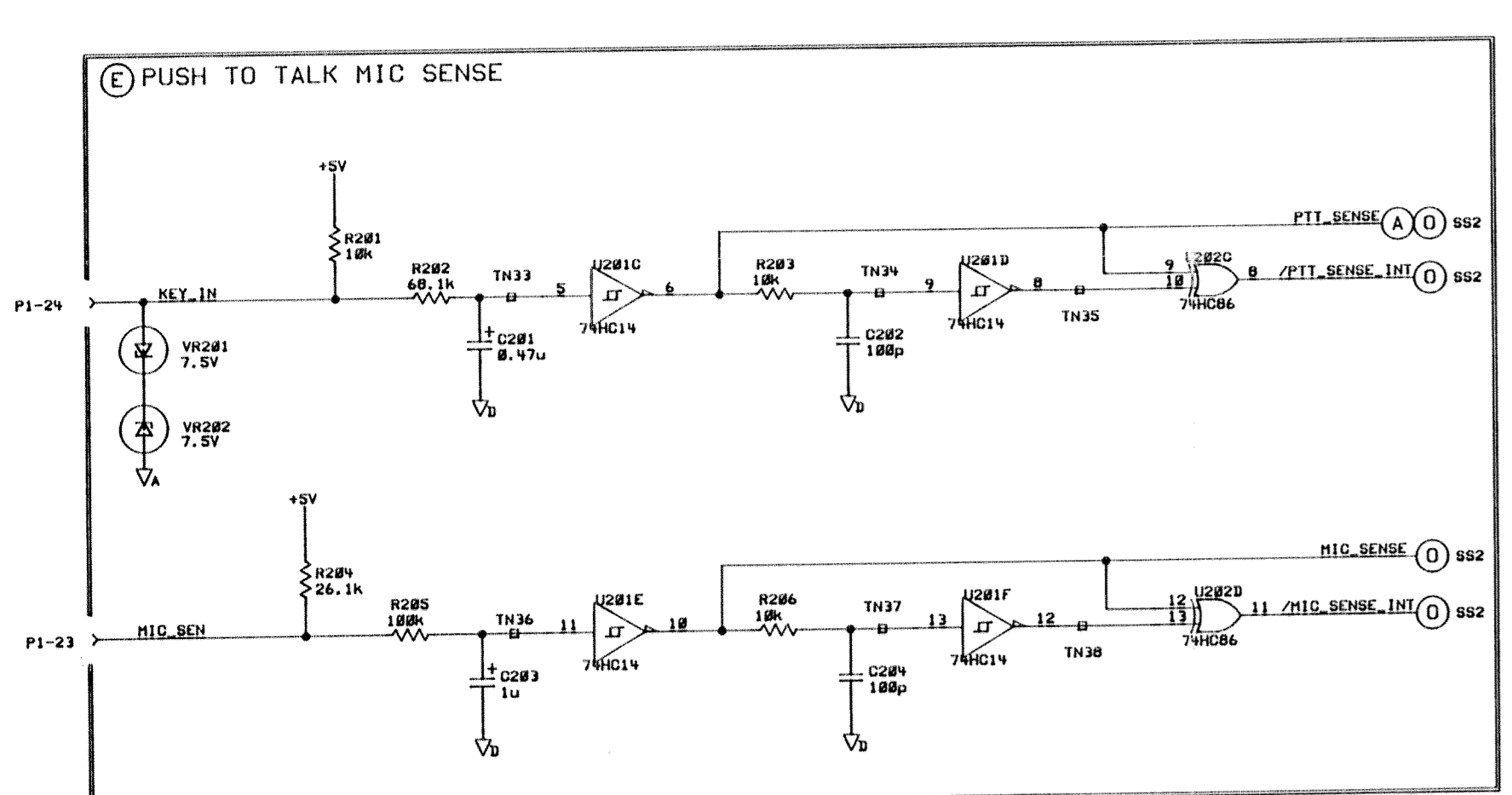
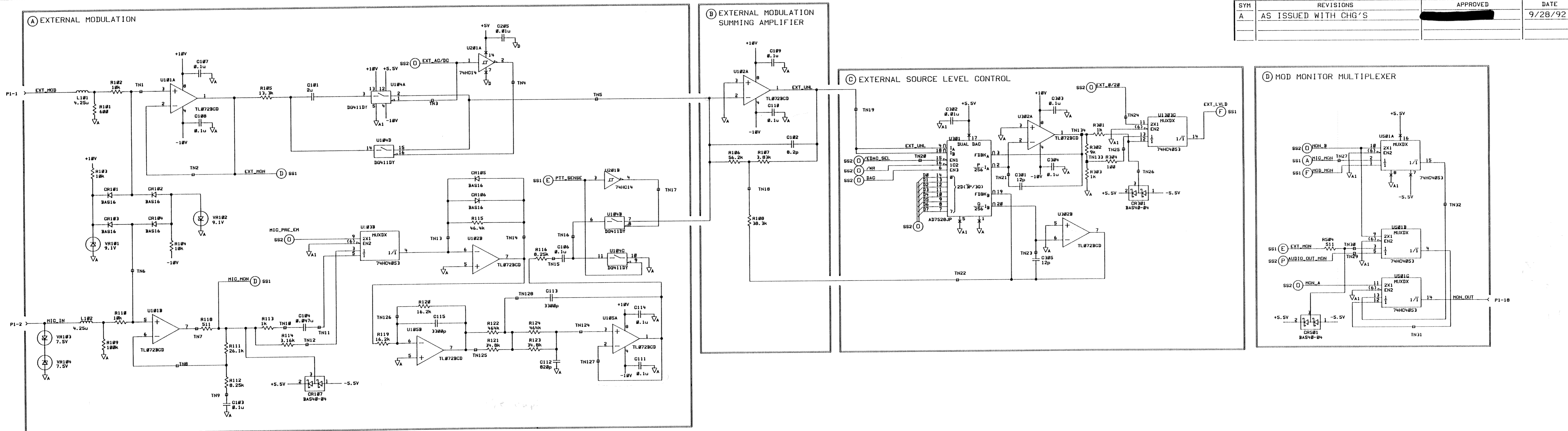






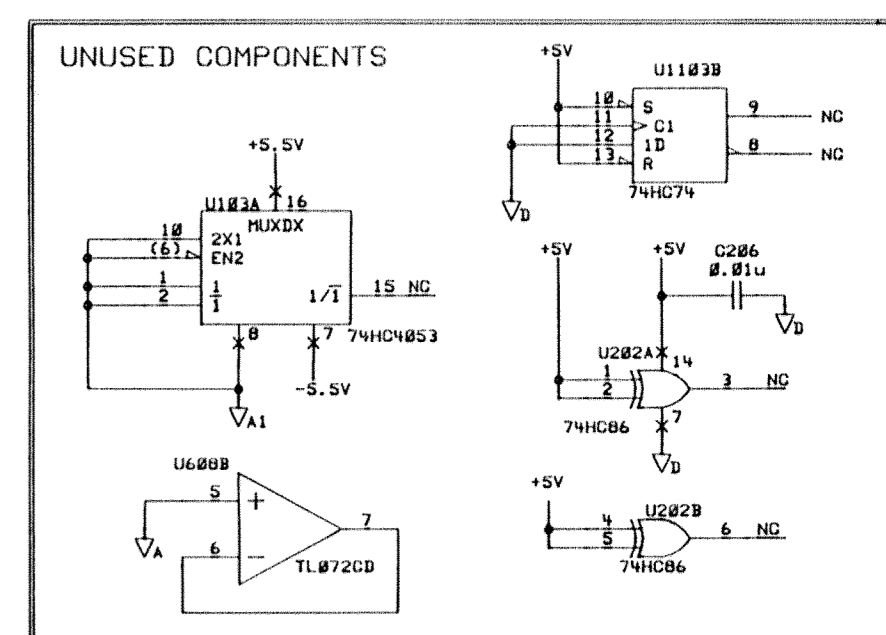
08920-60309 2of2 BOT

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED WITH CHG'S		9/28/92



NO LOAD PARTS

REF DES	SHT#	BLOCK
R648	2	K
C209	1	G
C210	1	G



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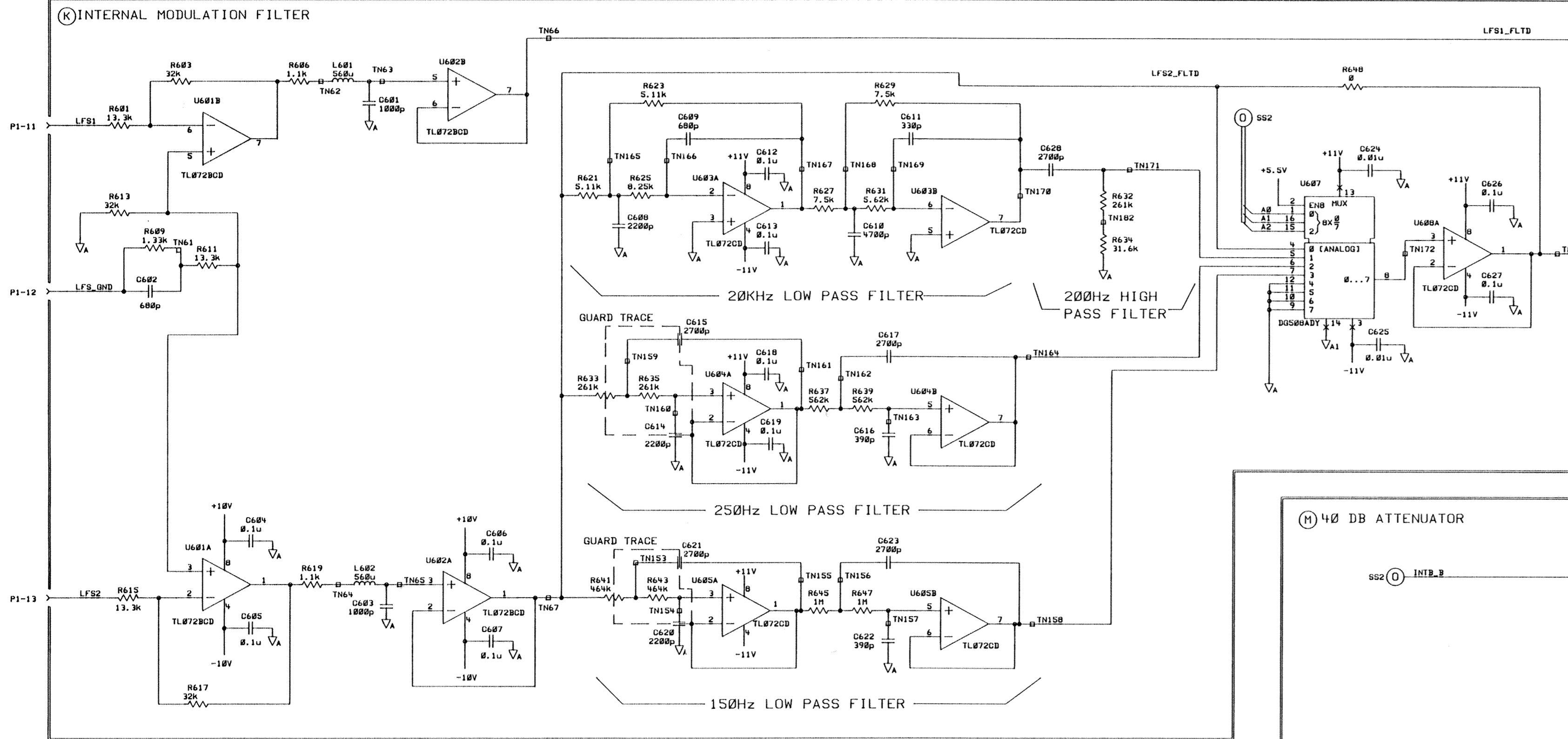
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ENGINEER/CHECKER [REDACTED]	DATE 5/27/92		
RELEASE TO PROD. [REDACTED]	DATE 9/28/92		
SUPERSEDES DWG. [REDACTED]			

TITLE: SCHEMATIC, PWA HP8920A MOD DISTRIBUTION BOARD

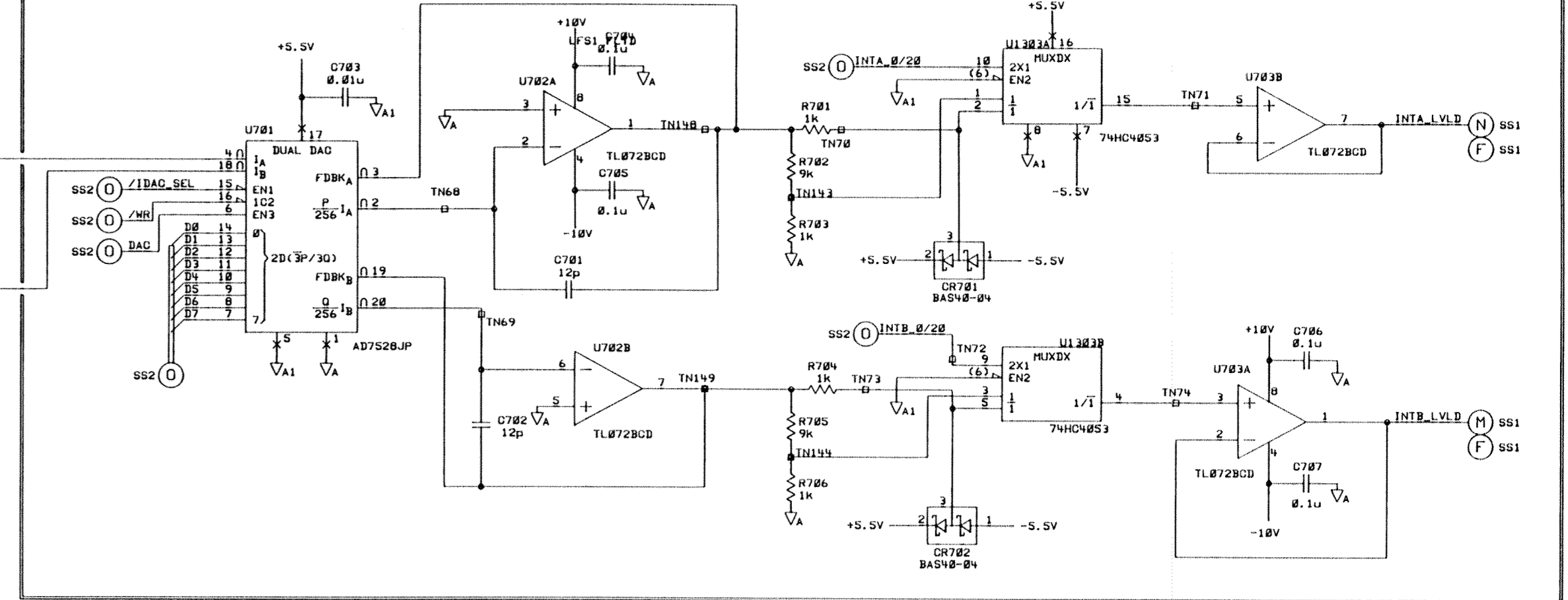
SHEET 1 OF 2 PART NUMBER D-08920-60309-1

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED WITH CHG'S		9/28/92

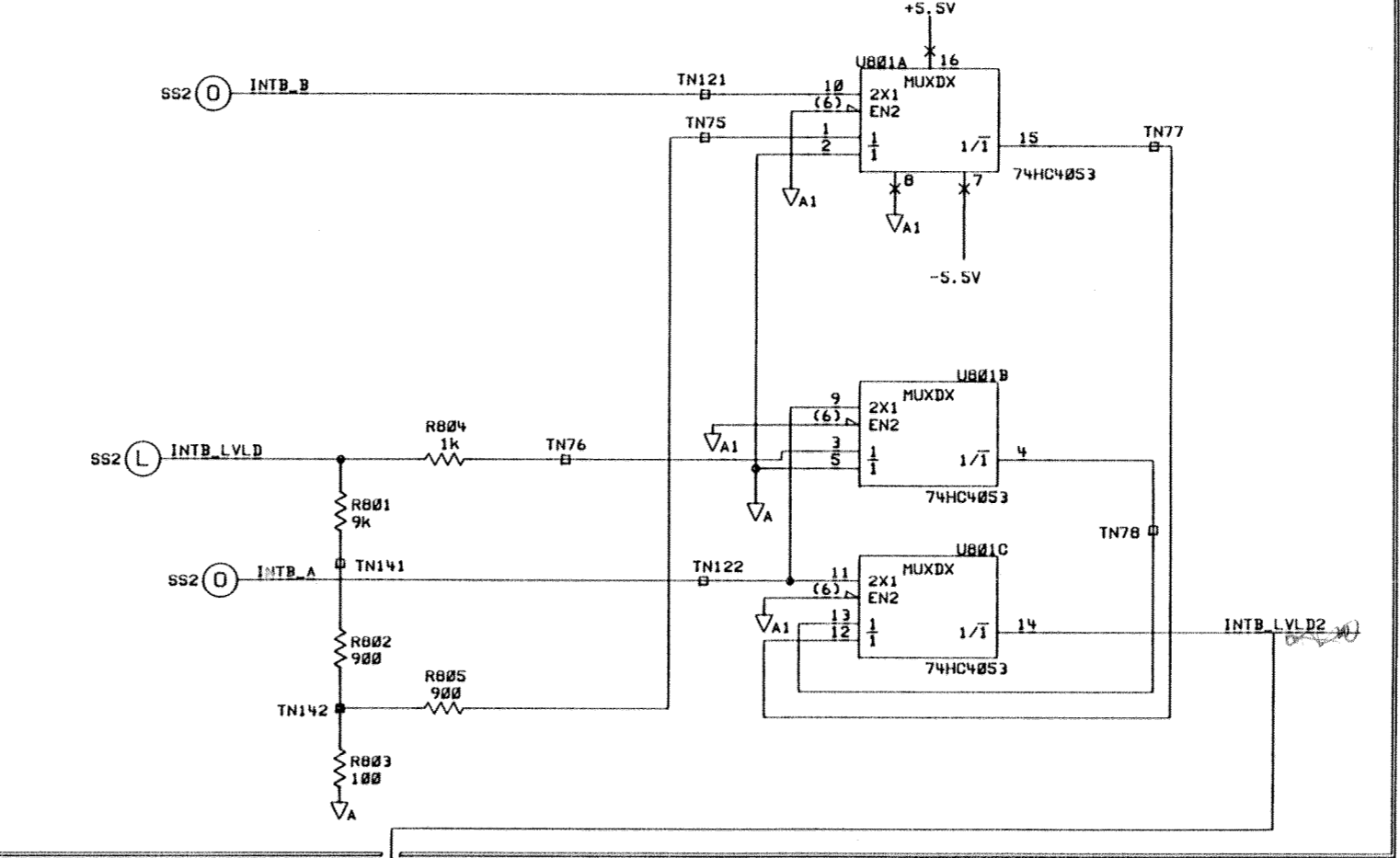
(K) INTERNAL MODULATION FILTER



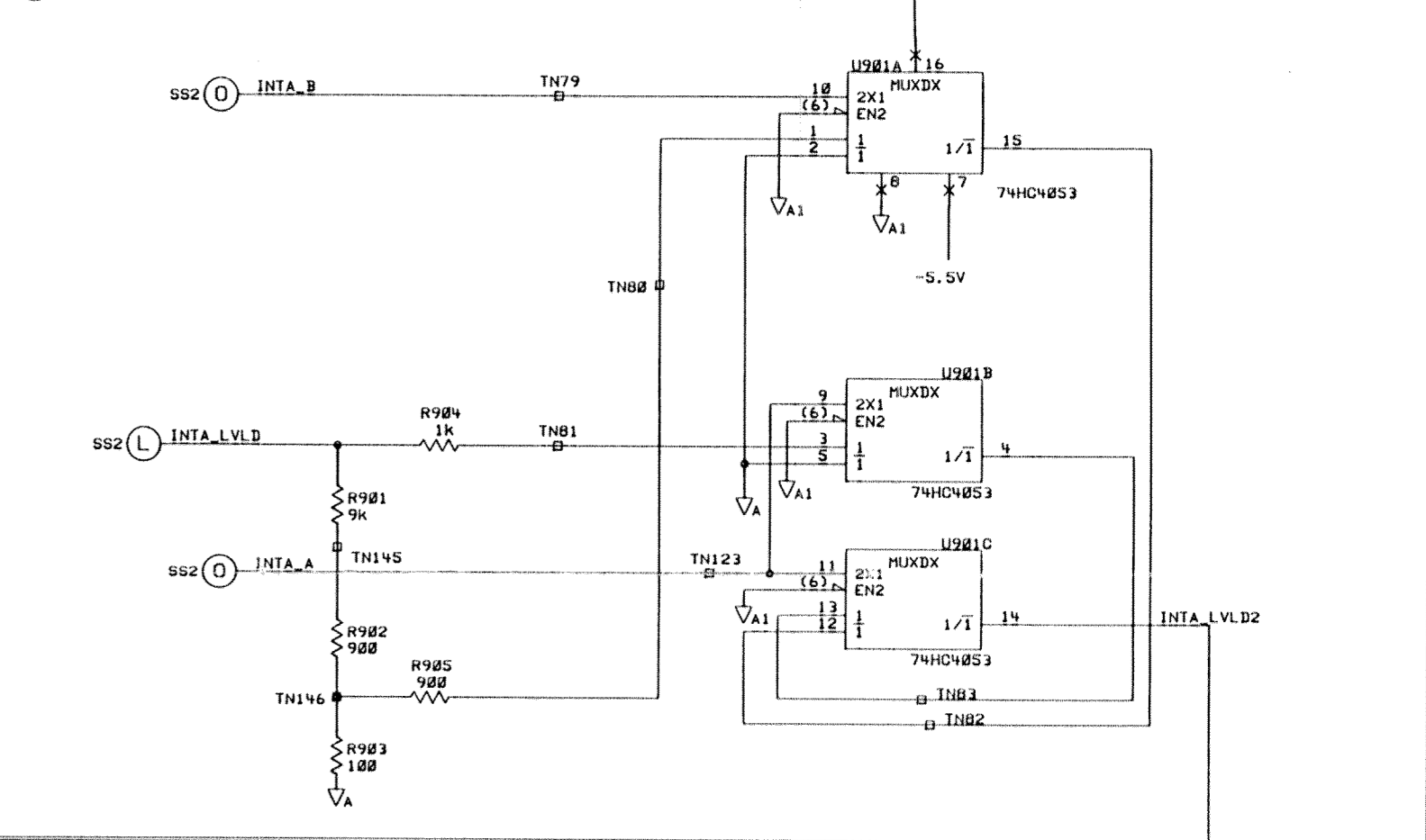
(L) INTERNAL SOURCE LEVEL CONTROL



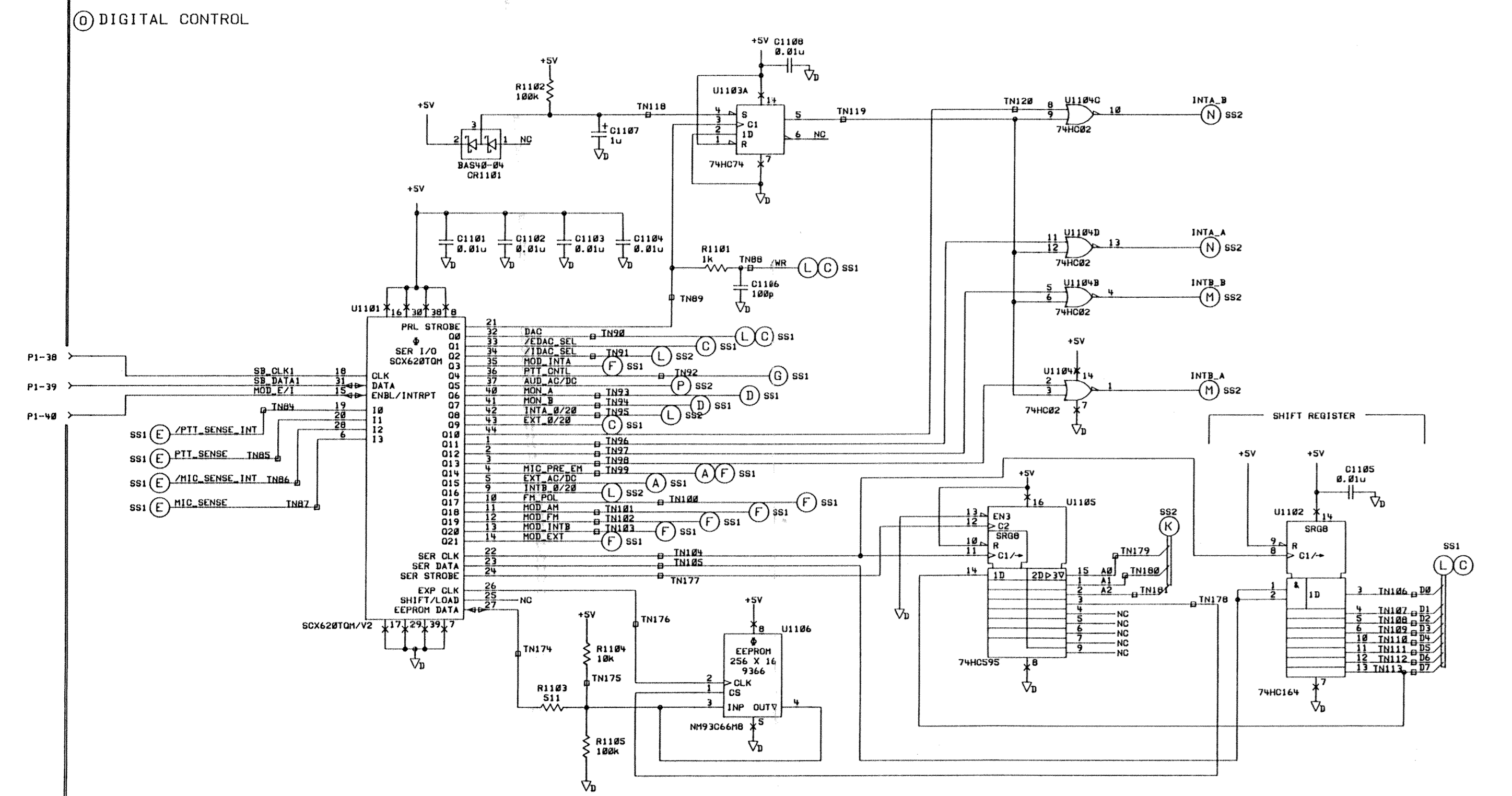
(M) 40 DB ATTENUATOR



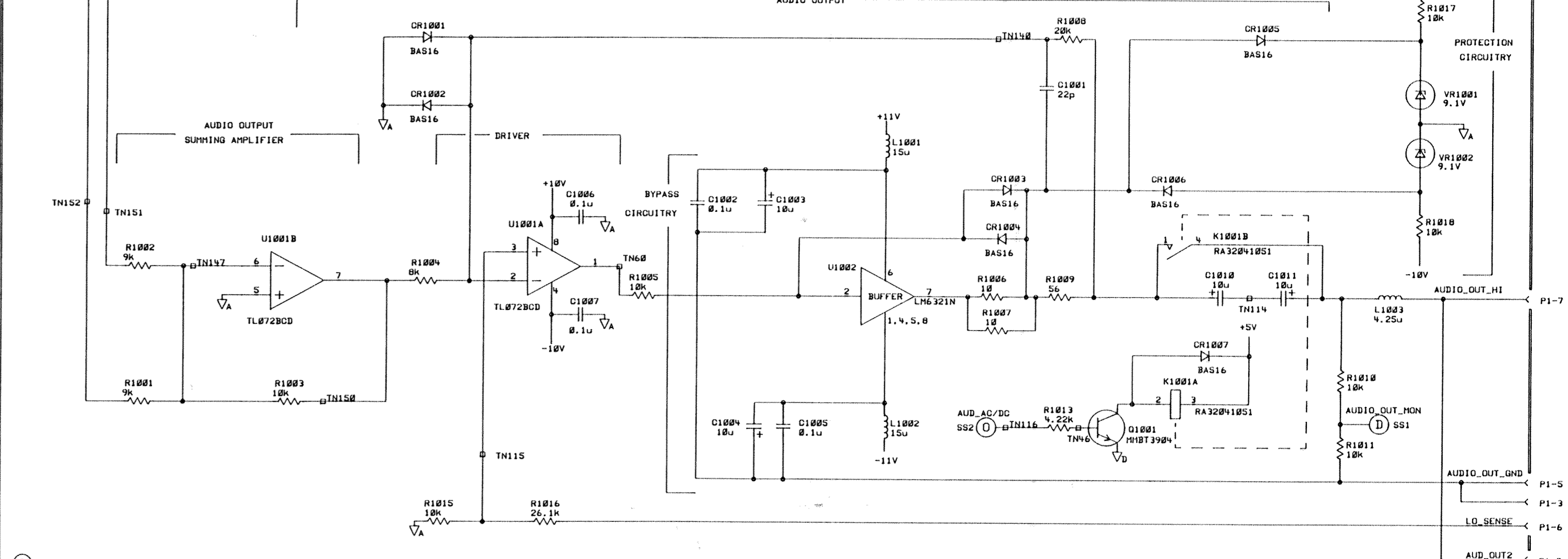
(N) 40 DB ATTENUATOR



(O) DIGITAL CONTROL



(P) AUDIO OUTPUT



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DATE	
RELEASE TO PROD.	9/28/92
DATE	
SUPERSEDES DWG.	

SCHEMATIC, PWA
 HP8920A MOD
 DISTRIBUTION
 BOARD

s2ba1309	FILENAME
SCALE	NONE
SHEET 2 OF 2	08920-60309
PART NUMBER	D-08920-60309-1

Component-Level Information Packet

A5

SERIAL I/O CONTROL

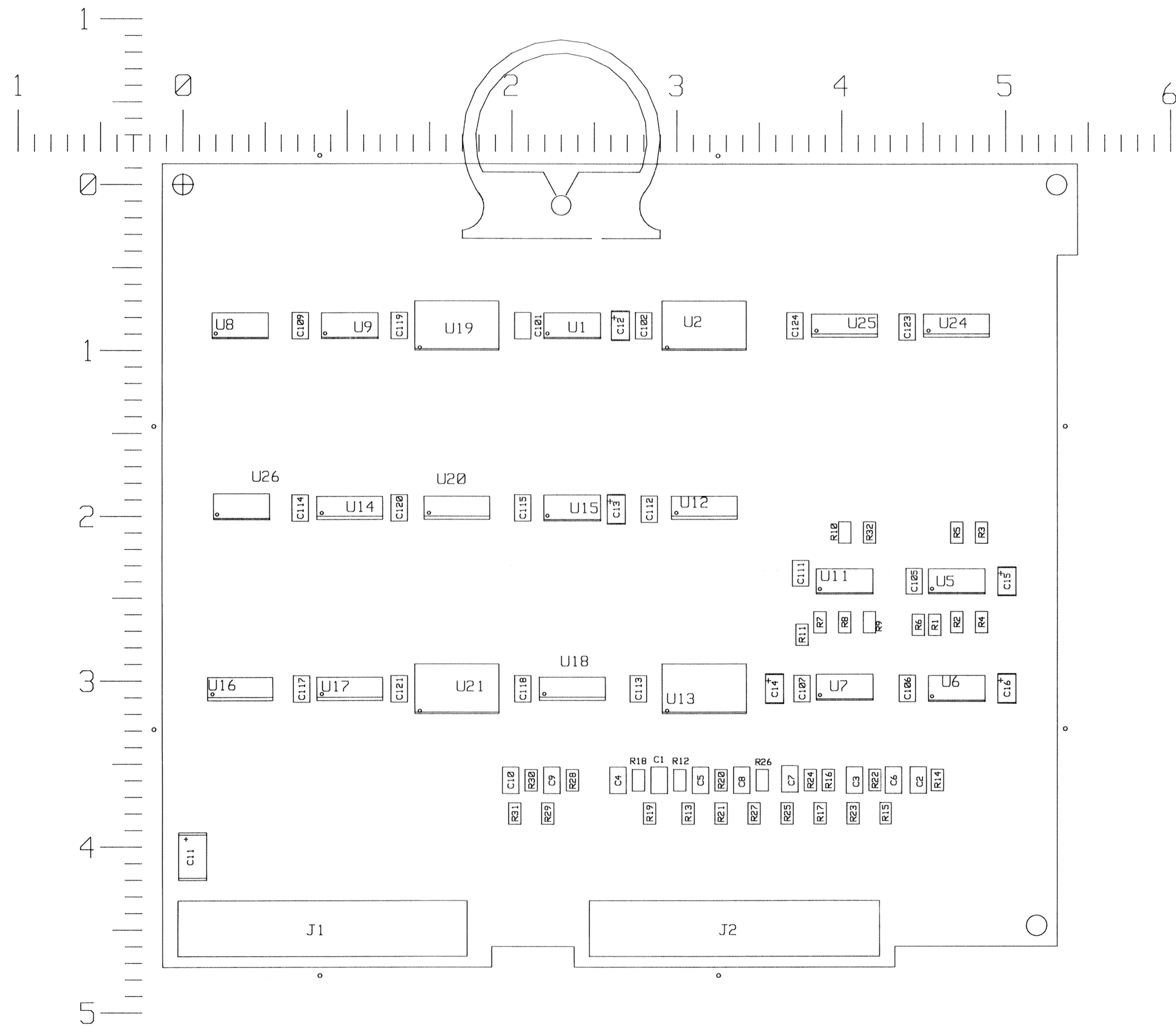
08920-69129

A5 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A5 (Cont'd)	08920-69129	REF	SERIAL I/O CONTROL	28480	08920-69129
A5R10	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R11	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R12	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R13	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R14	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R15	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R16	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R17	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R18	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R19	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R20	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R21	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R22	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R23	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R24	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R25	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R26	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R27	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R28	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R29	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R30	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A5R31	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A5R32	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5U1	1820-5562	1	IC GATE CMOS/HC NOR QUAD 2-INP	04713	MC74HC02AD
A5U2	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A5U5	1820-4250	1	IC INV TTL/ALS HEX	01295	SN74ALS05AD
A5U6	1820-5733	1	IC GATE CMOS/HC NAND 8-INP	27014	MM74HC30M
A5U7	1820-5733	1	IC GATE CMOS/HC NAND 8-INP	27014	MM74HC30M
A5U8	1820-4220	1	IC GATE CMOS/HC OR QUAD 2-INP	18324	74HC32D
A5U9	1820-4692	1	IC GATE CMOS/HC NAND QUAD 2-INP	01295	SN74HC00D
A5U11	1820-4250	1	IC INV TTL/ALS HEX	01295	SN74ALS05AD
A5U12	1820-5557	1	IC DCDR CMOS/HC BIN 2-TO-4-LINE DUAL	27014	MM74HC139M
A5U13	1820-6242	1	IC DRVR CMOS/AC BUS OCTL	27014	74AC244SC
A5U14	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A5U15	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A5U16	1820-5754	1	IC MUXR/DATA-SEL CMOS/HC 2-TO-1-LINE	04713	MC74HC257D
A5U17	1820-5754	1	IC MUXR/DATA-SEL CMOS/HC 2-TO-1-LINE	04713	MC74HC257D
A5U18	1820-5753	1	IC MUXR/DATA-SEL CMOS/HC 4-TO-1-LINE	04713	MC74HC253D
A5U19	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A5U20	1820-5754	1	IC MUXR/DATA-SEL CMOS/HC 2-TO-1-LINE	04713	MC74HC257D
A5U21	1820-6242	1	IC DRVR CMOS/AC BUS OCTL	27014	74AC244SC
A5U24	1820-5803	1	IC LCH CMOS/HC ADDRESSABLE 8-BIT	27014	MM74HC259M
A5U25	1820-5803	1	IC LCH CMOS/HC ADDRESSABLE 8-BIT	27014	MM74HC259M
A5U26	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A5	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A5	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843

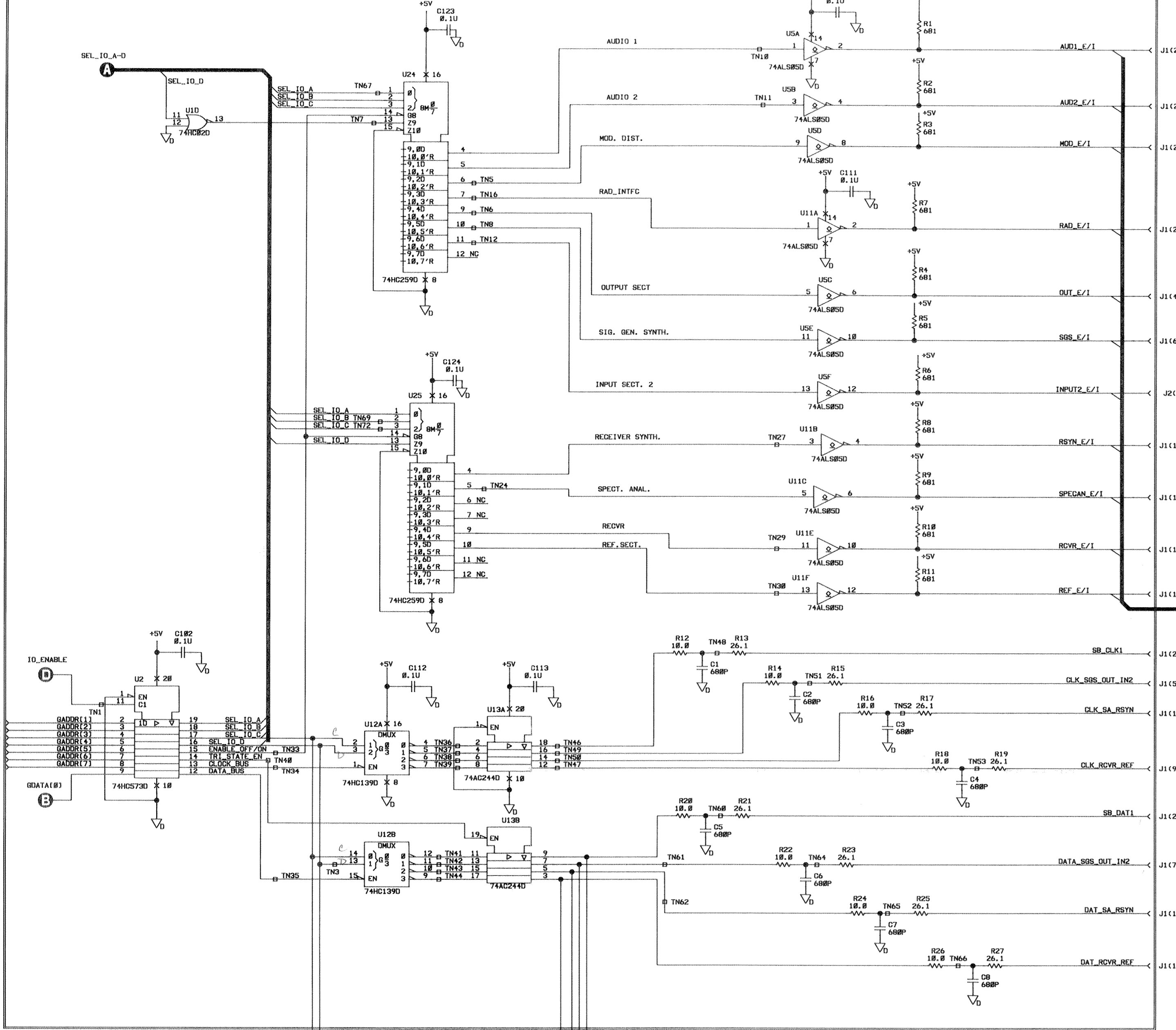
A5 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A5	08920-69129	1	SERIAL I/O CONTROL (Exchange)	28480	08920-69129
A5	08920-60129-1	REF	SERIAL I/O CONTROL SCHEMATIC DIAGRAM		
A5	08920-60129-2	REF	SERIAL I/O CONTROL COMPONENT LOCATOR		
A5C1	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C2	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C3	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C4	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C5	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C6	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C7	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C8	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C9	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C10	0160-6214	1	CAP-FXD 680PF +-5% 50V CER COG	51406	GRH42-2C0G681J050C
A5C11	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A5C12	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A5C13	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A5C14	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A5C15	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A5C16	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A5C101	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C102	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C105	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C106	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C107	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C109	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C111	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C112	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C113	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C114	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C115	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C117	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C118	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C119	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C120	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C121	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C123	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5C124	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A5J1	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A5J2	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A5R1	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R2	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R3	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R4	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R5	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R6	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R7	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A5R8	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
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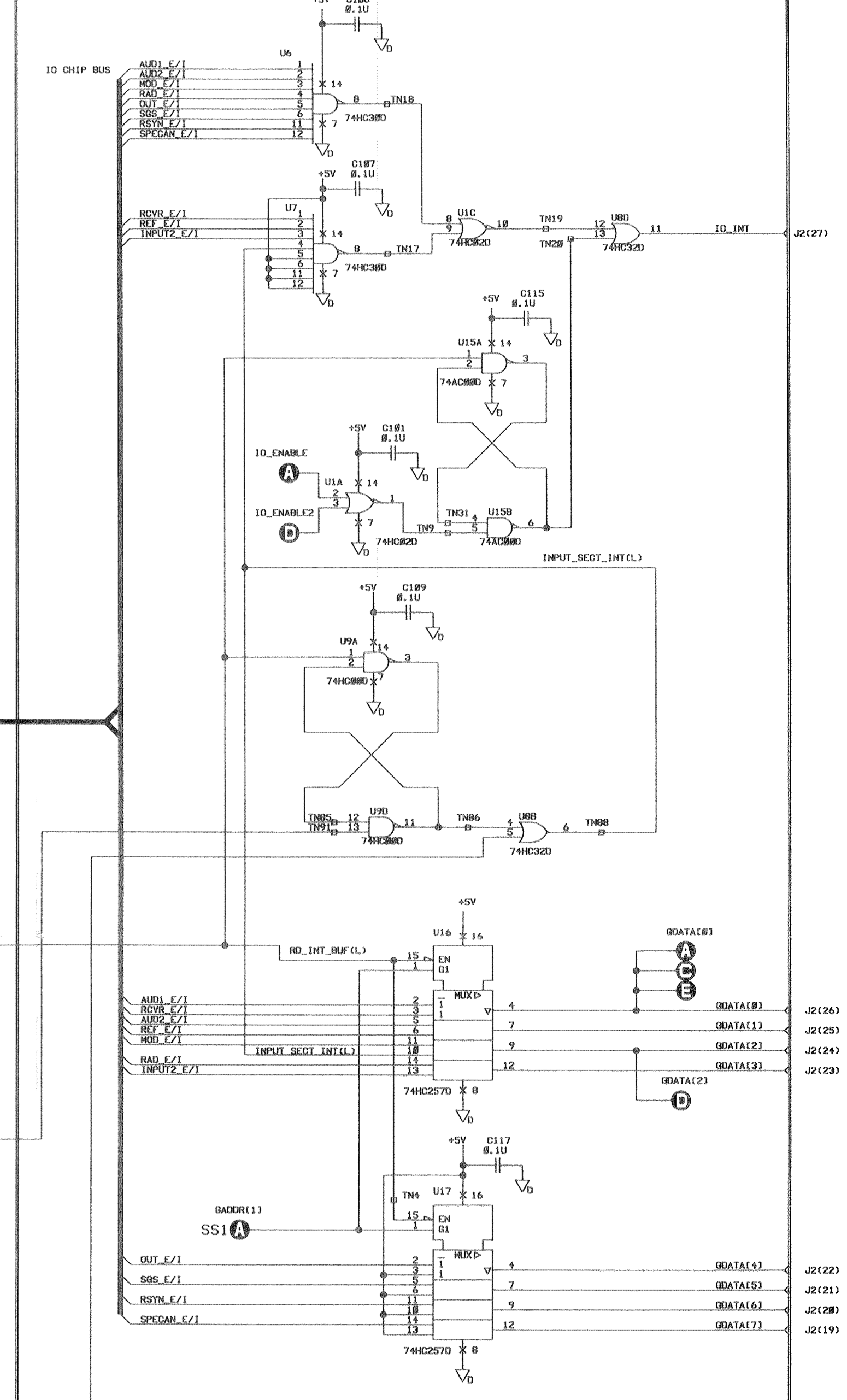


08920-60129

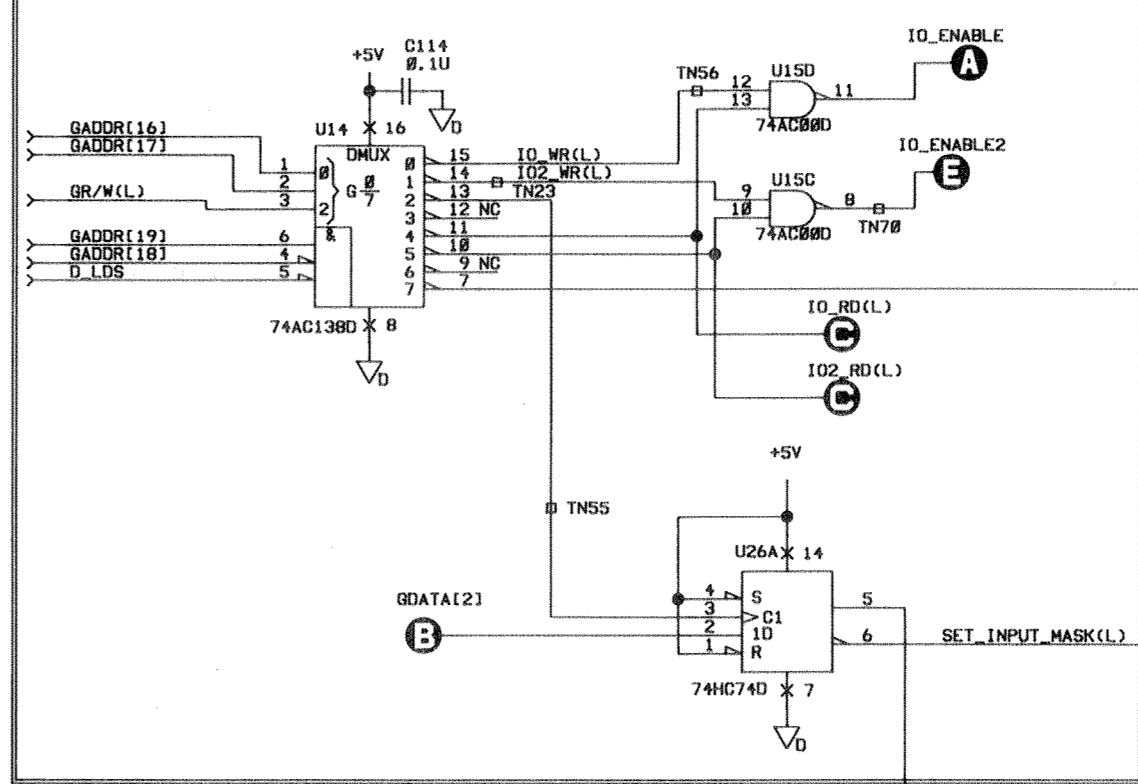
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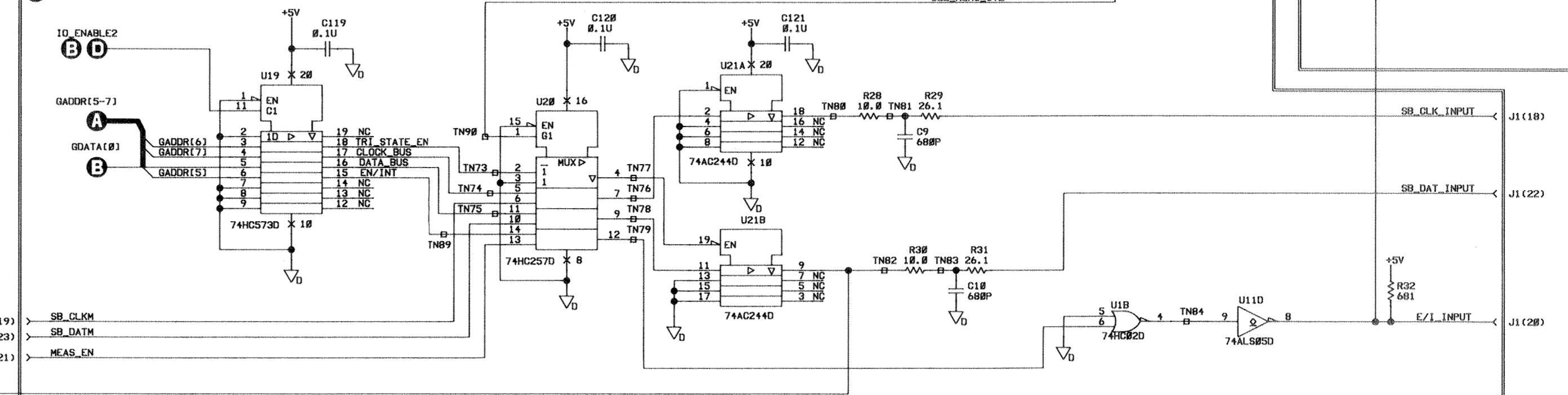
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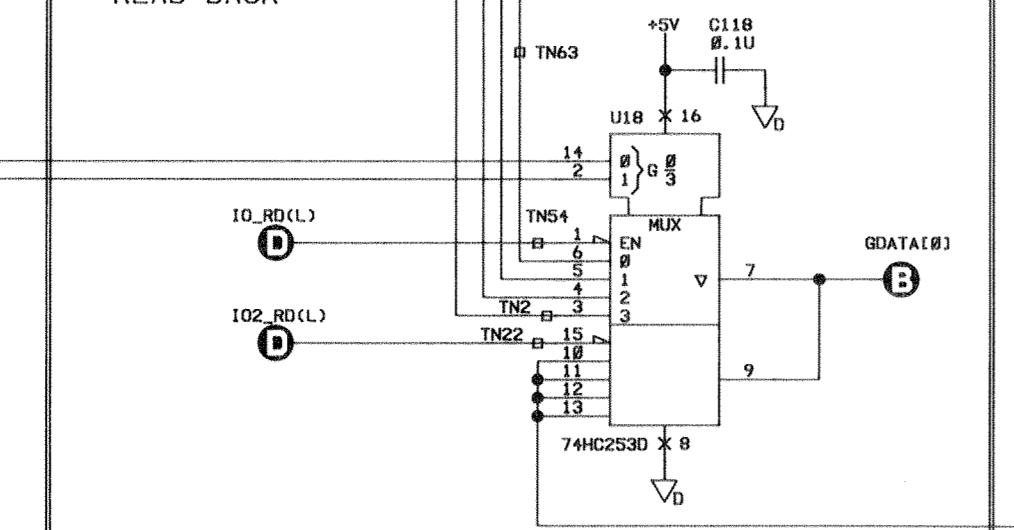
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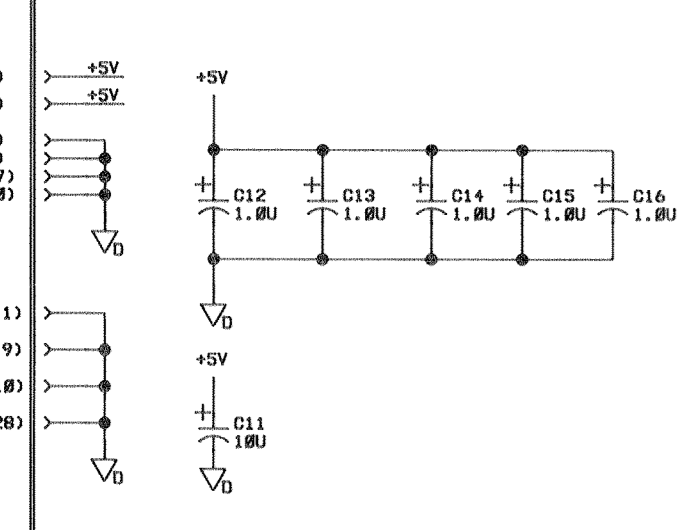
E ROUTE SERIAL DATA TO INPUT SECTION



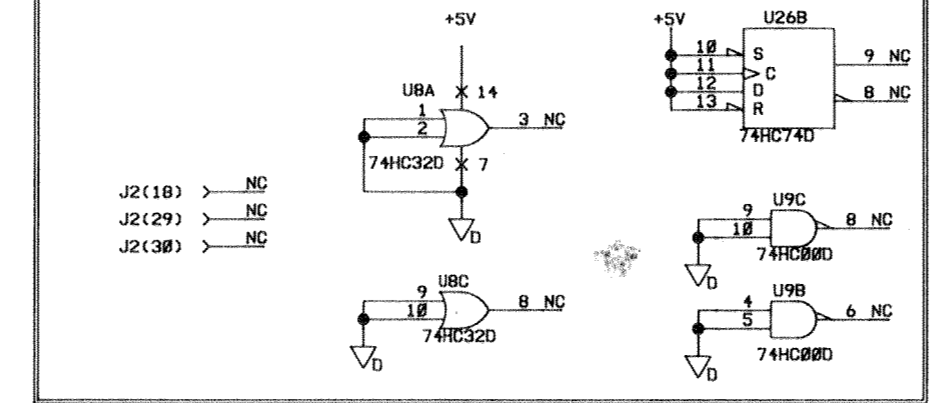
C IO CHIP DATA READ BACK



POWER AND GROUND



UNUSED COMPONENTS



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DRN BY	DATE	07DEC87	SCHEMATIC	HP8920 IO
ENGR	DATE	07DEC87	TITLE	
RELEASE TO PRCD.	11/29/98	NEXT ASSEMBLY		PART NUMBER 08920-60129
SUPERSEDES DWG.	FINISH	SCALE		D-08920-60129-1

Component-Level Information Packet

A6

SIGNALING SOURCE/ANALYZER

08920-69149

8920A COMPONENT LEVEL INFORMATION ERRATA

A6 Signaling Source/Analyzer

Change title page part number to:
08920-61849

Change A6 to:

A6, 08920-61849, 1, SIGNALING SOURCE/ANALYZER (New), 28480, 08920-61849
A6, 08920-69149, 1, SIGNALING SOURCE/ANALYZER (Exchange), 28480, 08920-69149
A6, 08920-60208-1, REF, SIGNALING SOURCE/ANALYZER SCHEMATIC DIAGRAM
A6, 08920-60208-2, REF, SIGNALING SOURCE/ANALYZER COMPONENT LOCATOR

Add A6C809:

A6C809, 0160-7377, 1, CAP-FXD CER 30PF +-5% 50V C0G, 81349, CDR31BP300BJWM

Add A6C810:

A6C810, 0160-7377, 1, CAP-FXD CER 30PF +-5% 50V C0G, 81349, CDR31BP300BJWM

Add A6C811:

A6C811, 0160-5469, 1, CAP-FXD PLSTC 1UF +-10% 50V, D5243, MKT 1826-1UF 10% 63V

Add A6C812:

A6C812, 0160-6222, 1, CAP-FXD CER .1UF +-10% 50V X7R, 81349, CDR33BX104AKWM

Add A6C813:

A6C813, 0160-6736, 1, CAP-FXD CER .01UF +-10% 50V X7R, 81349, CDR32BX103BKWM

Add A6CR803:

A6CR803, 1900-0072, 1, DIODE-SCHOTTKY 8V 100UA 250MW SI, 28480, 1900-0072

Add A6CR804:

A6CR804, 1900-0072, 1, DIODE-SCHOTTKY 8V 100UA 250MW SI, 28480, 1900-0072

Add A6R810:

A6R810, 0699-1320, 1, RES-FXD TF 19.6K +-1% .125W 0+-100TC, 81349, M55342K07B19E6R

Add A6R811:

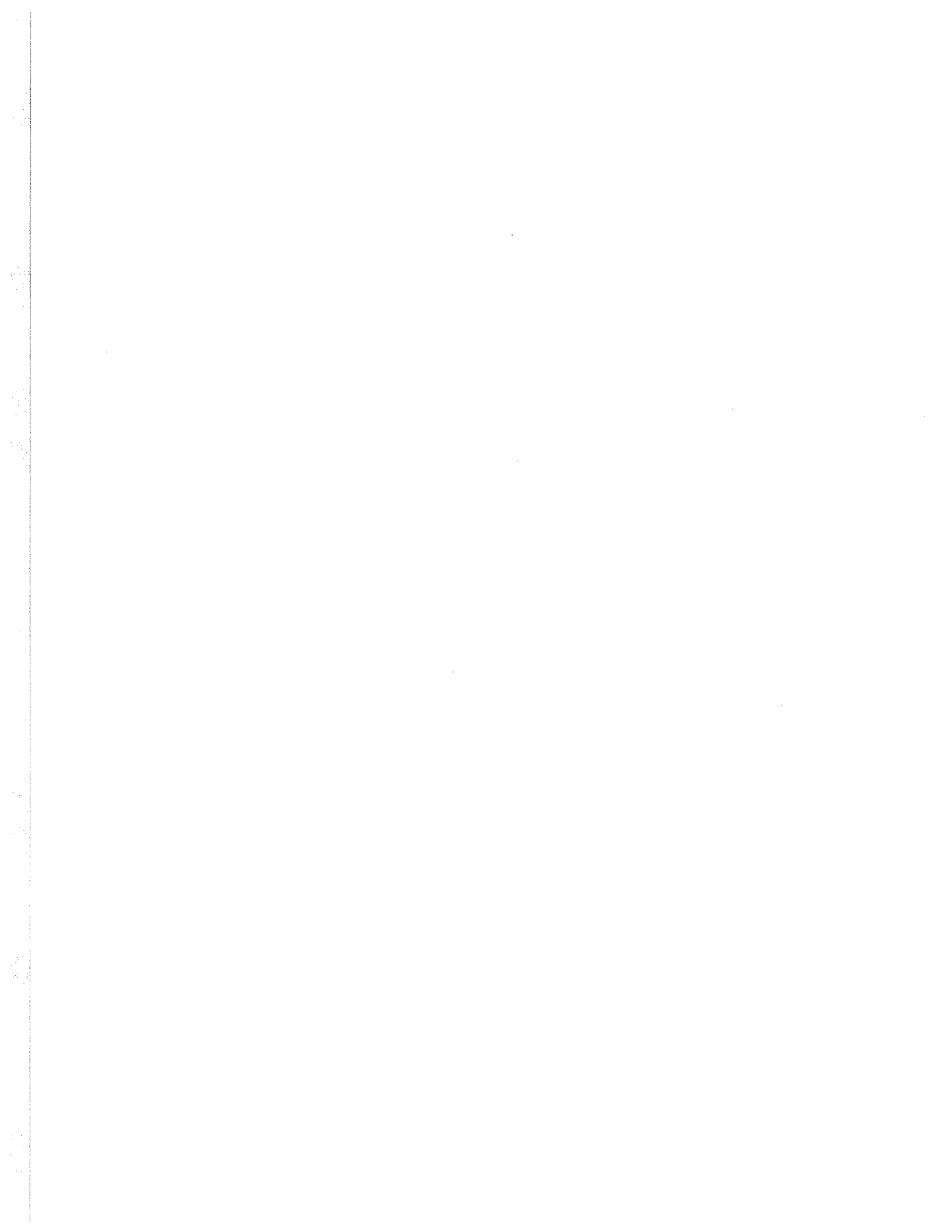
A6R811, 0699-1391, 1, RES-FXD TF 10K +-1% .125W 0+-100TC, 81349, M55342K07B10E0R

Add A6R812:

A6R812, 0699-1319, 1, RES-FXD TF 12.1K +-1% .125W 0+-100TC, 81349, M55342K07B12E1R

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.



A6 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A6	08920-69149	1	SIGNALING SOURCE/ANALYZER (Exchange)	28480	08920-69149
A6	08920-60108-1	REF	SIGNALING SOURCE/ANALYZER SCHEMATIC DIAGRAM		
A6	08920-60108-2	REF	SIGNALING SOURCE/ANALYZER COMPONENT LOCATOR		
A6C101	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C102	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C103	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C104	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C105	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C106	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C201	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C202	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C203	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C204	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C205	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C206	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C207	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C208	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C209	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C301	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C302	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C303	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C304	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C305	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C306	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C401	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C402	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C501	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C502	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C503	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C504	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C505	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C506	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C507	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C601	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C602	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C603	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C604	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C605	0160-5957	1	CAP-FXD 47PF +-5% 50V CER COG	81349	CDR01BP470BJWM
A6C606	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C607	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A6C608	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A6C609	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A6C701	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C702	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C703	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C704	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A6C705	0160-5957	1	CAP-FXD 47PF +-5% 50V CER COG	81349	CDR01BP470BJWM
A6C706	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM

A6 Replaceable Parts

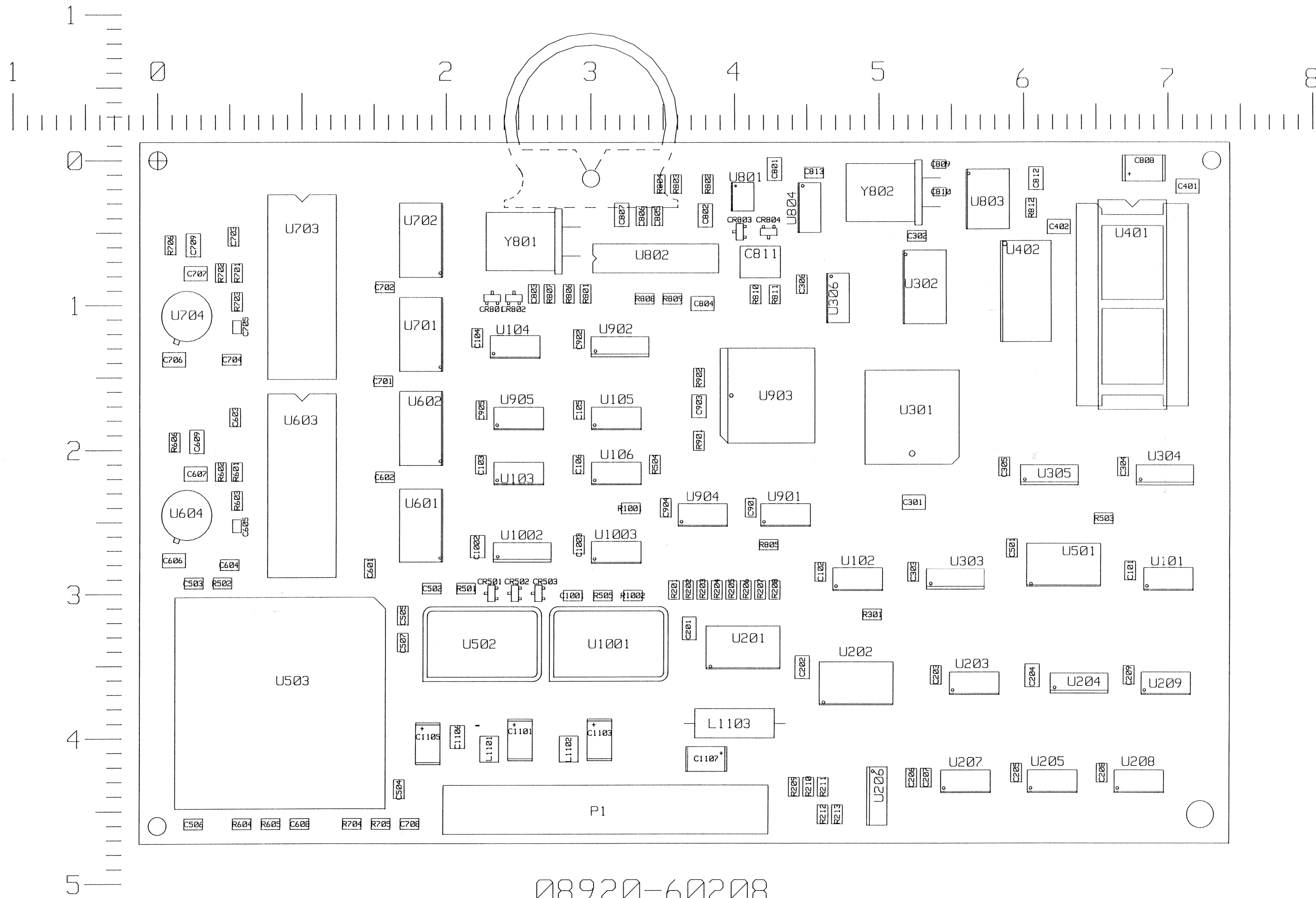
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A6 (Cont'd)	08920-69149	REF	SIGNALING SOURCE/ANALYZER	28480	08920-69149
A6C707	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C708	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A6C709	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A6C801	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C802	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C803	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C804	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C805	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A6C806	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A6C807	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C901	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C902	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C903	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C904	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C905	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C1001	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C1002	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C1003	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A6C1101	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A6C1103	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A6C1105	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A6C1106	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A6C1107	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A6CR501	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A6CR502	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A6CR503	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A6CR801	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A6CR802	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A6L1101	9140-1127	1	INDUCTOR 680UH +-5% Q=30 SRF=3MHZ	7J069	NL453232-681J
A6L1102	9140-1127	1	INDUCTOR 680UH +-5% Q=30 SRF=3MHZ	7J069	NL453232-681J
A6L1103	9140-0881	1	INDUCTOR 4.7UH +-10% Q=30 SRF=50MHZ	24226	18M471K
A6P1	1252-0748	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	1-534204-2
A6R201	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R202	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R203	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R204	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R205	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R206	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R207	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R208	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R209	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R210	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R211	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R212	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R213	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R301	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R501	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A6R502	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A6R503	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R504	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R

A6 Replaceable Parts

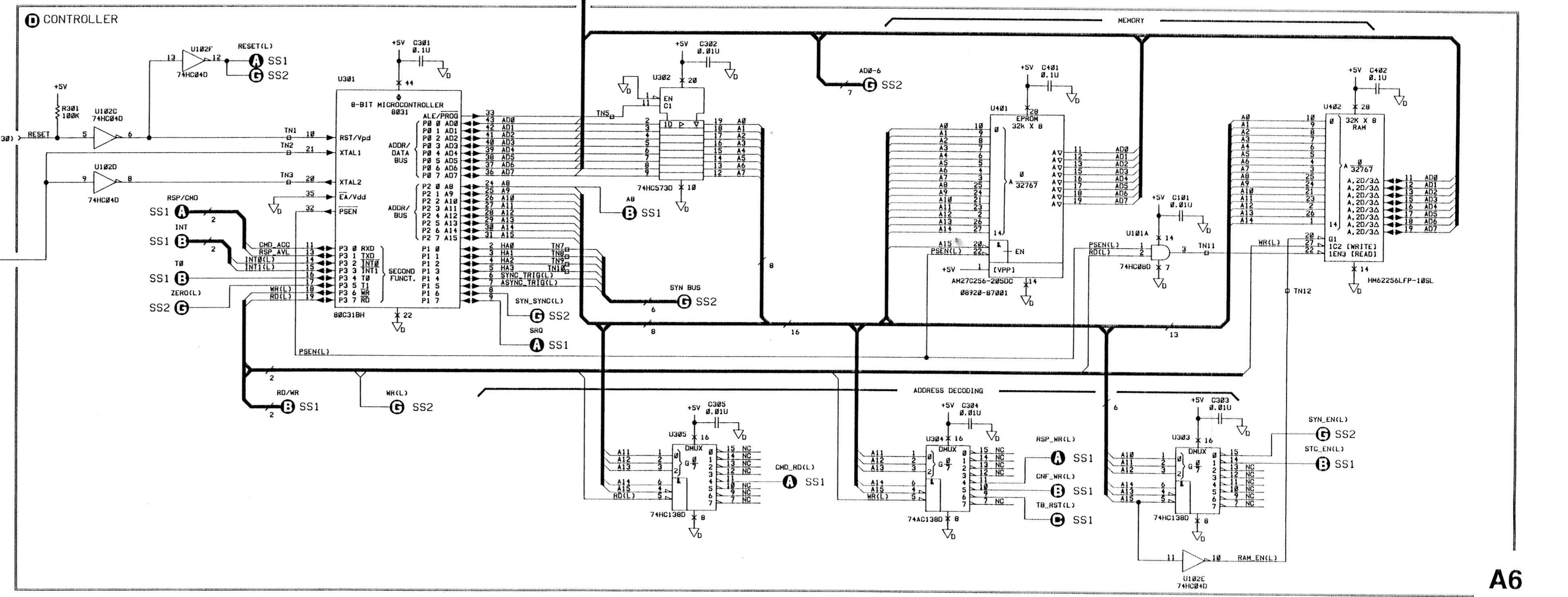
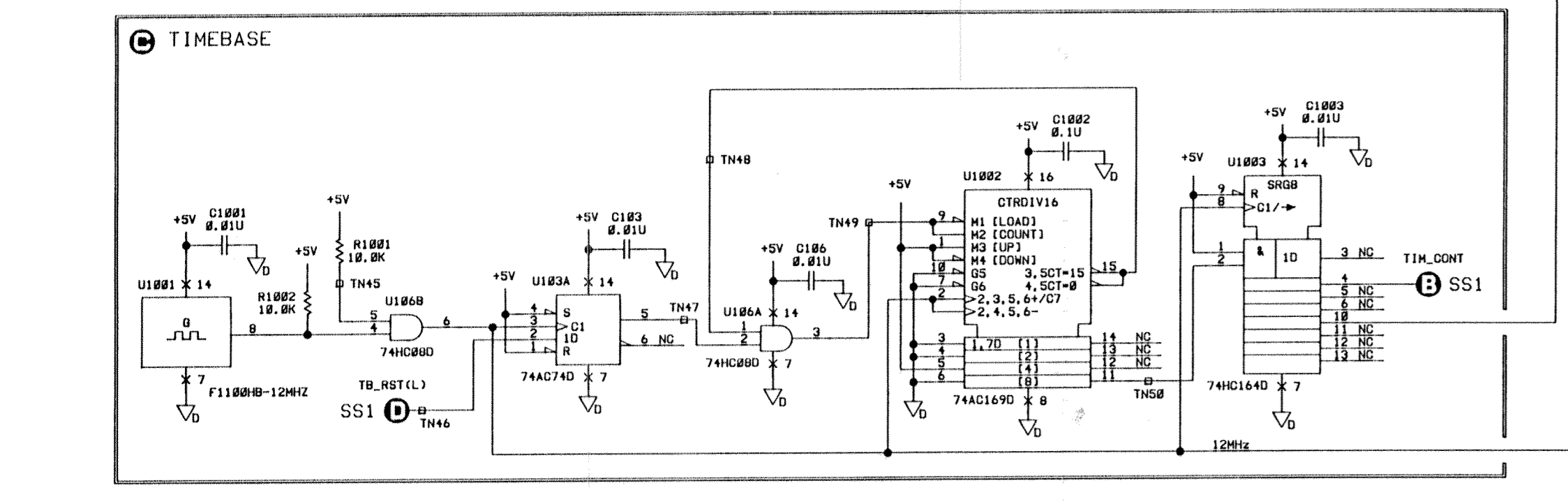
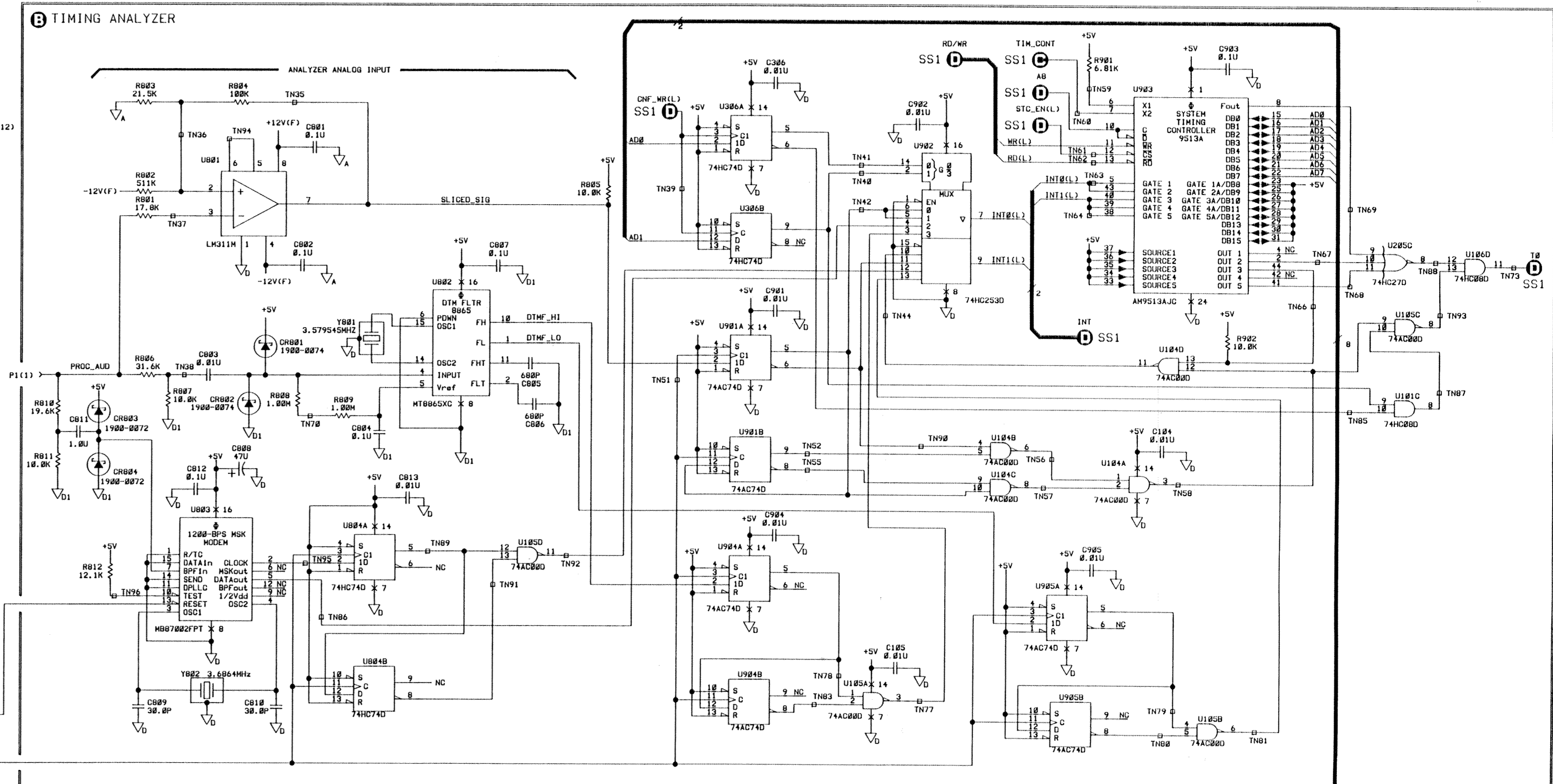
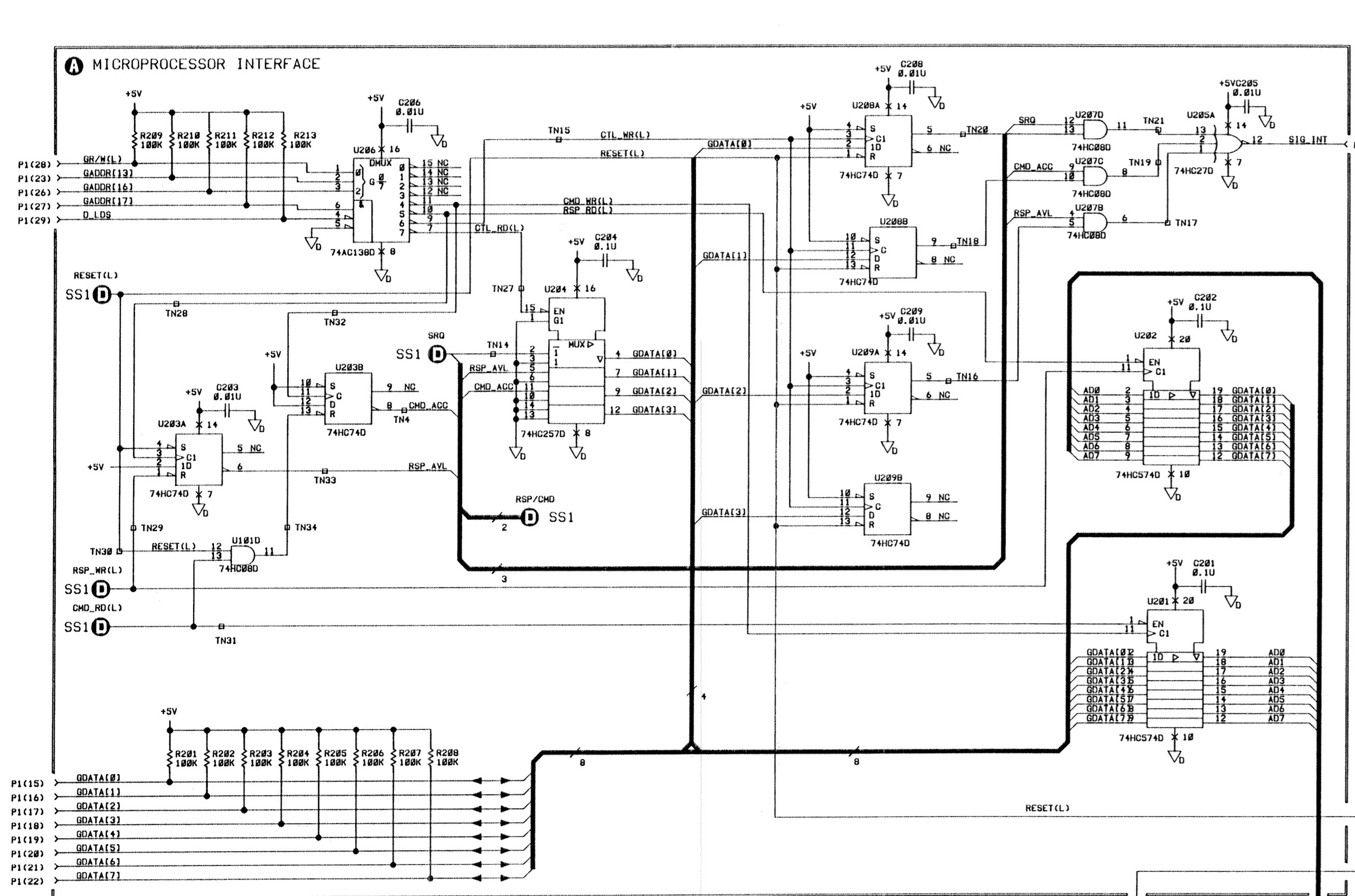
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A6 (Cont'd)	08920-69149	REF	SIGNALING SOURCE/ANALYZER	28480	08920-69149
A6R601	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A6R602	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A6R603	0699-1904	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	81349	M55342K07R1E62R
A6R604	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A6R605	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A6R606	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R701	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A6R702	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A6R703	0699-1904	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	81349	M55342K07R1E62R
A6R704	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A6R705	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A6R706	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R801	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A6R802	0699-1338	1	RESISTOR 511K +-1% .125W TF TC=0+-100	81349	M55342K07R511ER
A6R803	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A6R804	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A6R805	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R806	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A6R807	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R808	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A6R809	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A6R901	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A6R902	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R1001	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6R1002	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A6U101	1820-4693	1	IC GATE CMOS/HC AND QUAD 2-INP	01295	SN74HC08D
A6U102	1820-5220	1	IC INV CMOS/HC HEX	01295	SN74HC04D
A6U103	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A6U104	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A6U105	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A6U106	1820-4693	1	IC GATE CMOS/HC AND QUAD 2-INP	01295	SN74HC08D
A6U201	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A6U202	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A6U203	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A6U204	1820-5754	1	IC MUXR/DATA-SEL CMOS/HC 2-TO-1-LINE	04713	MC74HC257D
A6U205	1820-4219	1	IC GATE CMOS/HC NOR TPL 3-INP	18324	74HC27D
A6U206	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A6U207	1820-4693	1	IC GATE CMOS/HC AND QUAD 2-INP	01295	SN74HC08D
A6U208	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A6U209	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A6U301	1820-6126	1	IC CONTROL ORIENTED MPU, RAM, I/O, 16MHZ CAUTION: Static Sensitive	34649	N80C31BH-1
A6U302	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A6U303	1820-4215	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	18324	74HC138D
A6U304	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A6U305	1820-4215	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	18324	74HC138D

A6 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A6 (Cont'd)	08920-69149	REF	SIGNALING SOURCE/ANALYZER	28480	08920-69149
A6U306	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A6U401	08920-87001	1	IC PROGRAMMED 256K 200NS CMOS CAUTION: Static Sensitive	28480	08920-87001
A6U402	1818-4605	1	IC 256K SRAM 100-NS CMOS 262144-BITS	62786	HM62256LFP-10SLT
A6U501	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A6U502	1813-0699	1	CLK-OSC-XTAL STD 6.710886-MHZ 0.01% CAUTION: Static Sensitive	5W664	1247-B-1-50MHZ
A6U503	1F17-0001	1	IC DIGITAL	28480	1F17-0001
A6U601	1820-4279	1	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574BDW
A6U602	1820-4279	1	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574BDW
A6U603	1826-1013	1	IC CONV D/A BIPOLAR 12-BIT	24355	AD565AJD
A6U604	1826-0488	1	IC OP AMP WB 8-PIN TO-99	27014	LM218H
A6U701	1820-4279	1	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574BDW
A6U702	1820-4279	1	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574BDW
A6U703	1826-1013	1	IC CONV D/A BIPOLAR 12-BIT	24355	AD565AJD
A6U704	1826-0488	1	IC OP AMP WB 8-PIN TO-99	27014	LM218H
A6U801	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	27014	LM311M
A6U802	1826-0823	1	IC MISC 16 PIN DIP-C CAUTION: Static Sensitive	36665	MT8865XC
A6U901	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A6U902	1820-5753	1	IC MUXR/DATA-SEL CMOS/HC 4-TO-1-LINE	04713	MC74HC253D
A6U903	1820-6978	1	IC 8-BIT/16-BIT SYSTEM TIMING CONTROLLER	34335	AM9513AJC
A6U904	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A6U905	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A6U1001	1813-0574	1	CLK-OSC-XTAL STD 12-MHZ 0.01%	61429	F1100HB-12MHZ
A6U1002	1820-5935	1	IC CNTR CMOS/AC BIN UP/DOWN SYNCHRO	27014	74AC169SC
A6U1003	1820-6129	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	27014	MM74HC164M
A6Y801	0410-1404	1	CRYSTAL-QUARTZ 3.579545-MHZ HC-18/U-HLDR	28480	0410-1404
A6	1200-0567	1	SOCKET-IC-DIP 28-CONT DIP-SLDR	28480	1200-0567
A6	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A6	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843

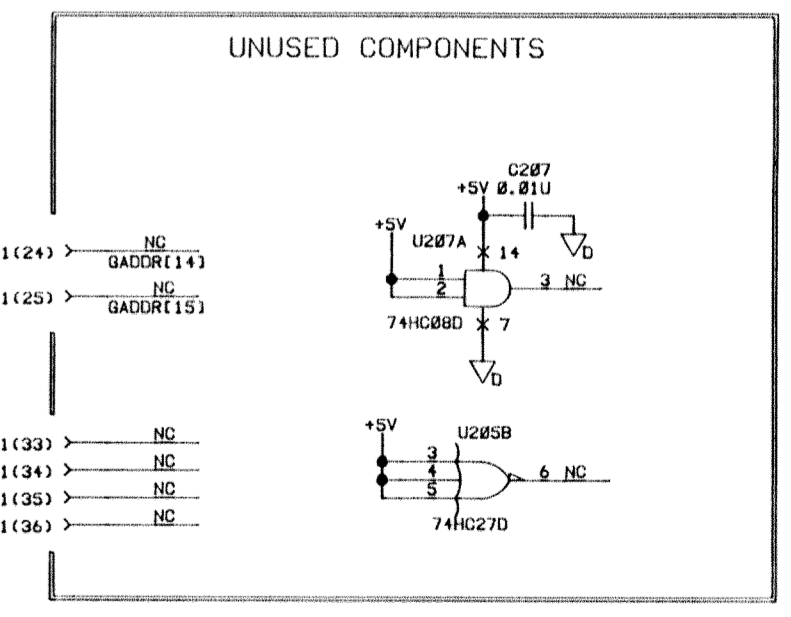
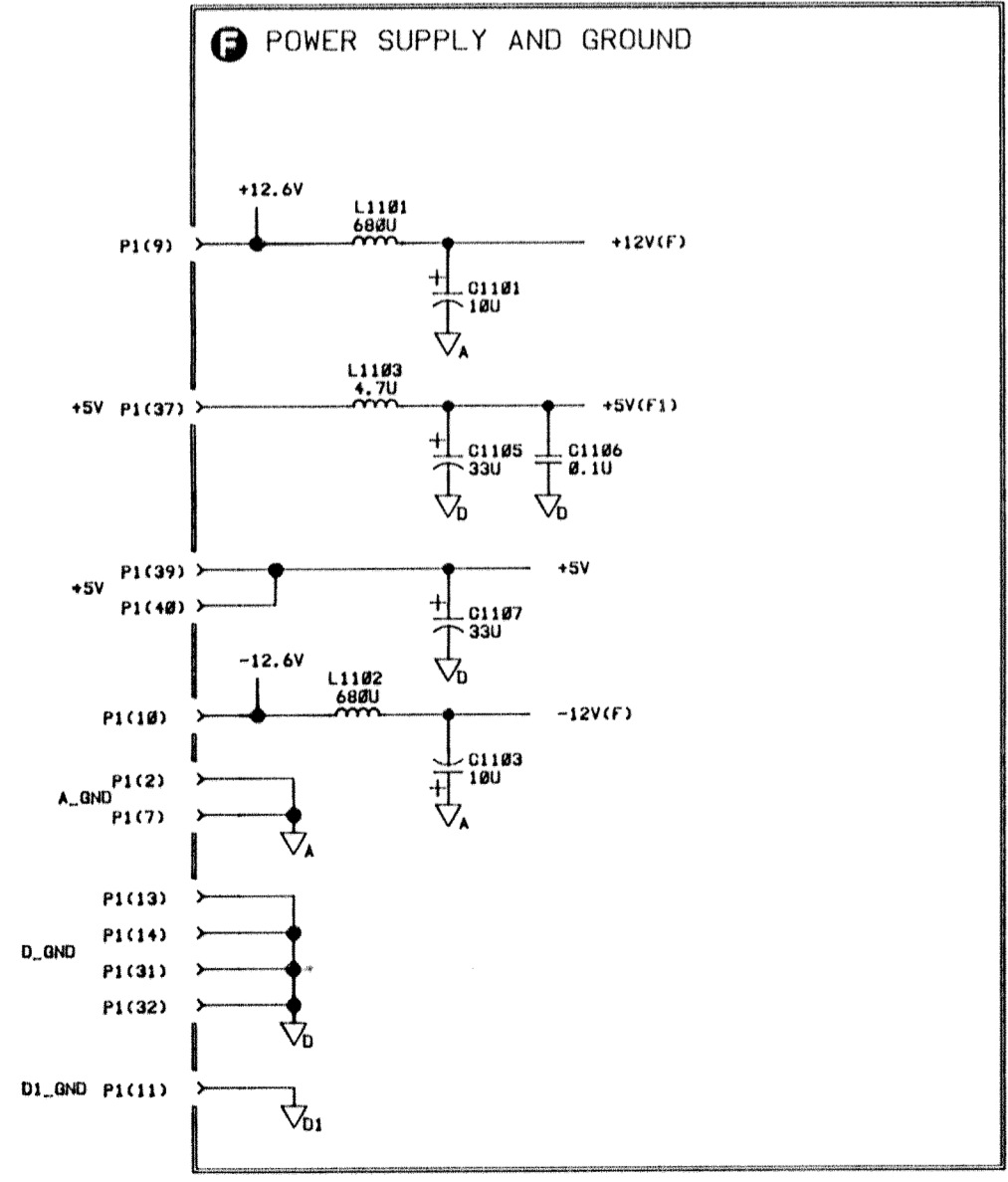
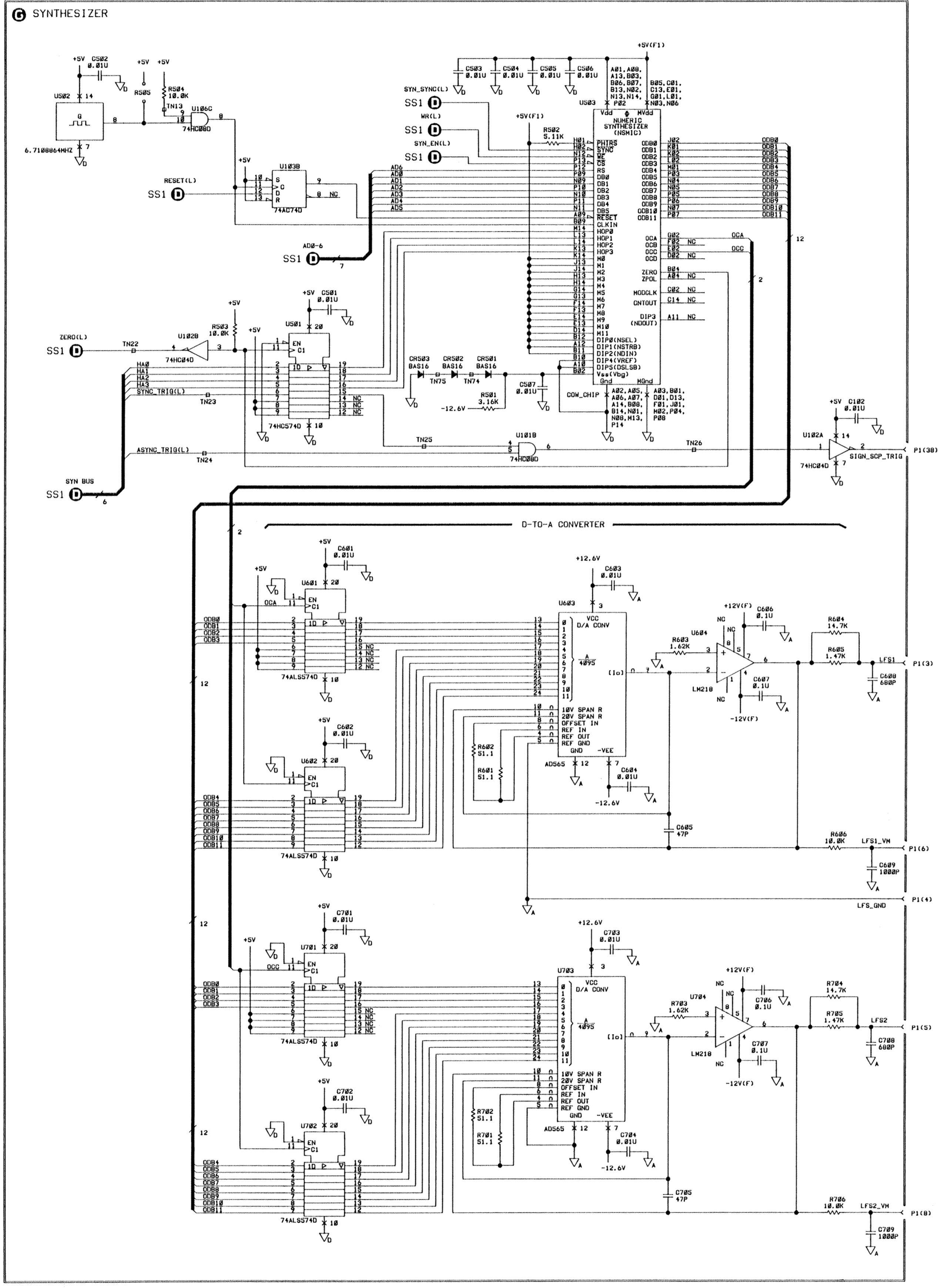


08920-60208



A6

DRWN BY	19AUG92	DATE	19AUG92	TITLE	SCHEMATIC LOW FREQUENCY SOURCE
ENGINEER		DATE	02DEC92	NEXT ASSEMBLY	
RELEASE TO PROD.		DATE		PART NUMBER	08920-60208
SUPERSEDES DWG.		FINISH		SCALE	D-08920-60208-1



A6

DRAWN BY	19AUG92	DATE	19AUG92	TITLE	SCHEMATIC LOW FREQUENCY SOURCE	PART NUMBER	08920-60208
ENGINEER							
RELEASE TO PROD.	02DEC92	NEXT ASSEMBLY					
SUPERSEDES DWG.		FINISH		SCALE			

Component-Level Information Packet

A7

CONTROLLER (DCU)

08920-69107

8920A COMPONENT LEVEL INFORMATION ERRATA

A7 Controller (DCU)

Change title page part number to:
08920-61807

Change A6 to:

A7, 08920-61807, 1, CONTROLLER (DCU) (New), 28480, 08920-61807
A7, 08920-69107, 1, CONTROLLER (DCU) (Exchange), 28480, 08920-69107
A7, 08920-60307-1, CONTROLLER (DCU) SCHEMATIC DIAGRAM
A6, 08920-60307-2, CONTROLLER (DCU) COMPONENT LOCATOR

Change A7C8 to:

A7C8, 0180-3749, 1, CAP-FXD ELCTLT .22UF +-20% 35V TANT, 33297, NRA224M35R8

Delete A7R13.

Delete A7R75.

Add A7R76:

A7R76, 0699-1330, 1, RES-FXD TF 100K +-1% .125W 0+-100TC, 81349, M55342K07B100ER

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.

A7 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A7	08920-69107	1	CONTROLLER (DCU) (Exchange)	28480	08920-69107
A7	08920-60207-1	REF	CONTROLLER (DCU) SCHEMATIC DIAGRAM		
A7	08920-60207-2	REF	CONTROLLER (DCU) COMPONENT LOCATOR		
A7C1	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C2	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A7C3	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C4	0180-3752	1	CAP-FXD 3.3UF +-20% 35V TA	33297	NRD335M35R12
A7C5	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C6	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A7C7	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A7C8	0160-3749	1	CAP-FXD 330PF +-10% 50V CER X7R	51406	RPE110-401X7R331K50V
A7C9	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A7C10	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A7C11	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A7C101	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C102	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C103	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C104	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C105	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C106	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C107	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C109	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C110	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C111	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C112	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C113	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C114	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C115	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C116	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C117	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C118	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C119	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C120	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C121	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C122	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C123	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C125	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C126	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C127	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C128	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C130	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C131	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C132	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C133	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C134	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C135	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A7C136	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A7C137	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM

A7 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A7 (Cont'd)	08920-69107	REF	CONTROLLER (DCU)	28480	08920-69107
A7C142	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C143	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C144	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C145	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C146	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C147	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C148	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C149	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C150	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C151	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C152	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C153	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C154	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C155	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C156	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C157	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C158	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C159	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C160	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C161	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C162	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C163	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C164	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C165	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A7C166	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C167	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C168	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7C169	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A7DS1	1990-0486	1	LED-LAMP LUM-INT=2MCD IF=25MA-MAX BVR=5V	28480	1990-0486
A7DS2	1990-0486	1	LED-LAMP LUM-INT=2MCD IF=25MA-MAX BVR=5V	28480	1990-0486
A7DS3	1990-0486	1	LED-LAMP LUM-INT=2MCD IF=25MA-MAX BVR=5V	28480	1990-0486
A7DS4	1990-0486	1	LED-LAMP LUM-INT=2MCD IF=25MA-MAX BVR=5V	28480	1990-0486
A7J1	1251-8474	1	CONN-POST TYPE .100-PIN-SPCG 34-CONT	76381	2534-5002UB
A7J4	1251-8347	1	CONN-POST TYPE .100-PIN-SPCG 26-CONT	76381	2526-5002UB
A7P1	1251-8729	1	CONN-POST TYPE .100-PIN-SPCG 100-CONT	00779	534204-6
A7P2	1251-7986	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	00779	534204-1
A7Q1	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A7Q4	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A7R1	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R2	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R3	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R4	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R5	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R6	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R7	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R8	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R9	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R10	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R11	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R12	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R

A7 Replaceable Parts

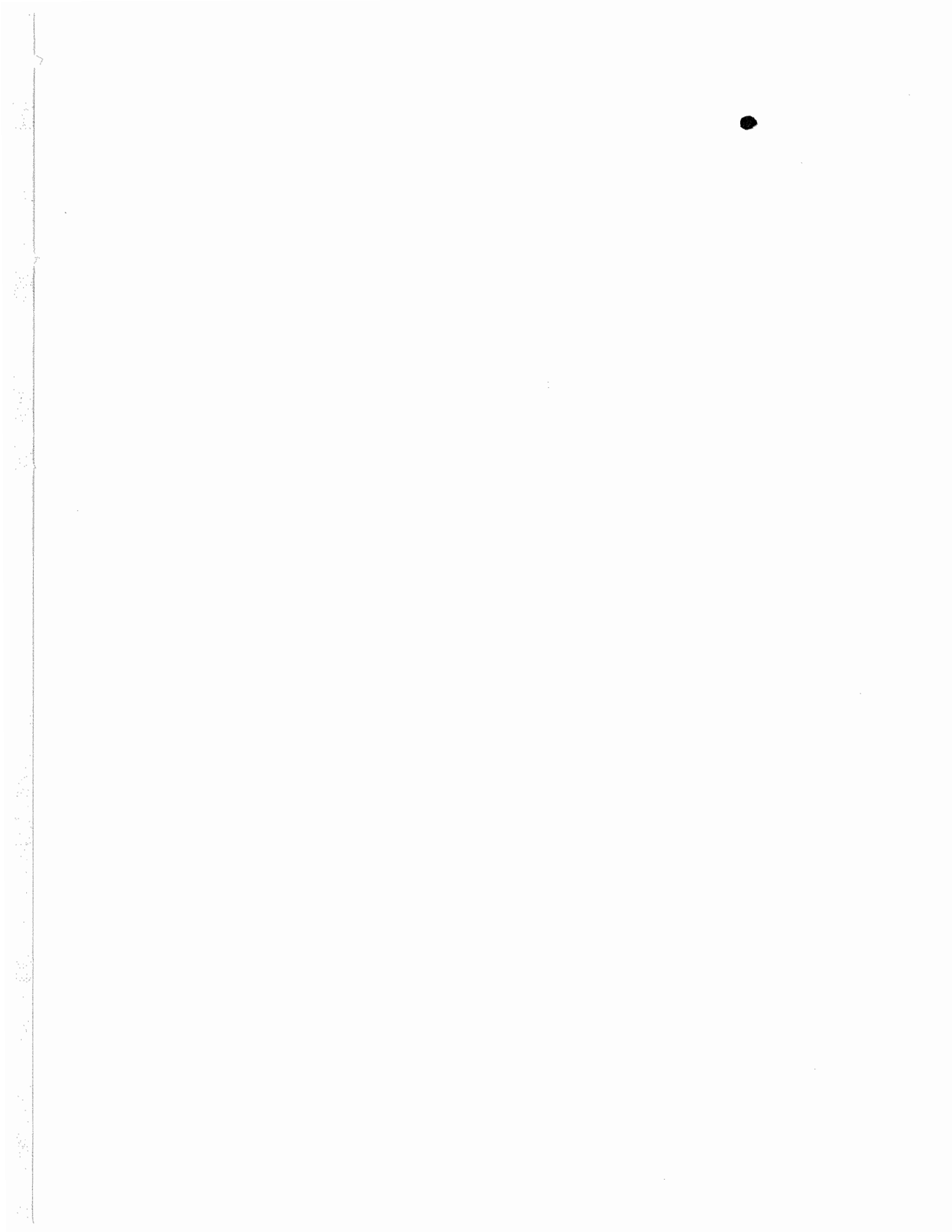
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A7 (Cont'd)	08920-69107	REF	CONTROLLER (DCU)	28480	08920-69107
A7R65	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R66	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R67	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R68	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R69	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R70	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R71	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A7R72	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A7R73	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A7R74	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A7R75	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A7R80	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A7R81	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A7R84	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A7S1	3101-2264	1	SWITCH-DIP RKR 4-1A 0.05A 30VDC FLU-KNOB	00779	1-435802-5
A7TP1	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7TP3	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7TP4	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7TP5	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7TP6	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7TP7	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7TP8	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A7U1	1820-4220	1	IC GATE CMOS/HC OR QUAD 2-INP	18324	74HC32D
A7U2	1820-5709	1	IC SCHMITT-TRIG CMOS/HC INV HEX	01295	SN74HC14D
A7U3	1820-5733	1	IC GATE CMOS/HC NAND 8-INP	27014	MM74HC30M
A7U4	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A7U5	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A7U6	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A7U7	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A7U9	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A7U10	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A7U11	1820-6156	1	IC DRVR CMOS/ACT BUS OCTL	07263	74ACT244SC
A7U12	1820-5875	1	IC PROGRAMMABLE TIMER MODULE; 6MHZ	62786	HD63A40P
A7U13	1818-4653	1	IC 256K EEPROM 200-NS CMOS 262144 BITS	60395	X28C256P-20
A7U14	1820-5220	1	IC INV CMOS/HC HEX	01295	SN74HC04D
A7U15	1820-6988	1	IC GATE CMOS/AC NOR QUAD	27014	74AC02SC
A7U16	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A7U17	1820-6242	1	IC DRVR CMOS/AC BUS OCTL	27014	74AC244SC
A7U18	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	27014	74AC08SC
A7U19	1820-4188	1	IC TRANSCEIVER CMOS/HC BUS OCTL	18324	74HC245D
A7U20	1820-4188	1	IC TRANSCEIVER CMOS/HC BUS OCTL	18324	74HC245D
A7U21	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A7U22	1820-6846	1	IC LCH CMOS/AC TRANSPARENT OCTL	27014	74AC373SC
A7U23	1820-6846	1	IC LCH CMOS/AC TRANSPARENT OCTL	27014	74AC373SC
A7U24	1826-1897	1	IC MISC SINGLE 8 PIN PLSTC-SOIC	01295	TL7705ACD
A7U25	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	27014	74AC32SC
A7U26	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A7U27	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	27014	74AC32SC
A7U28	1820-5845	1	IC 16-BIT MPU W/COUNTER, PLCC 10MHZ	04713	MC68HC000FN10
A7U29	1826-1897	1	IC MISC SINGLE 8 PIN PLSTC-SOIC	01295	TL7705ACD

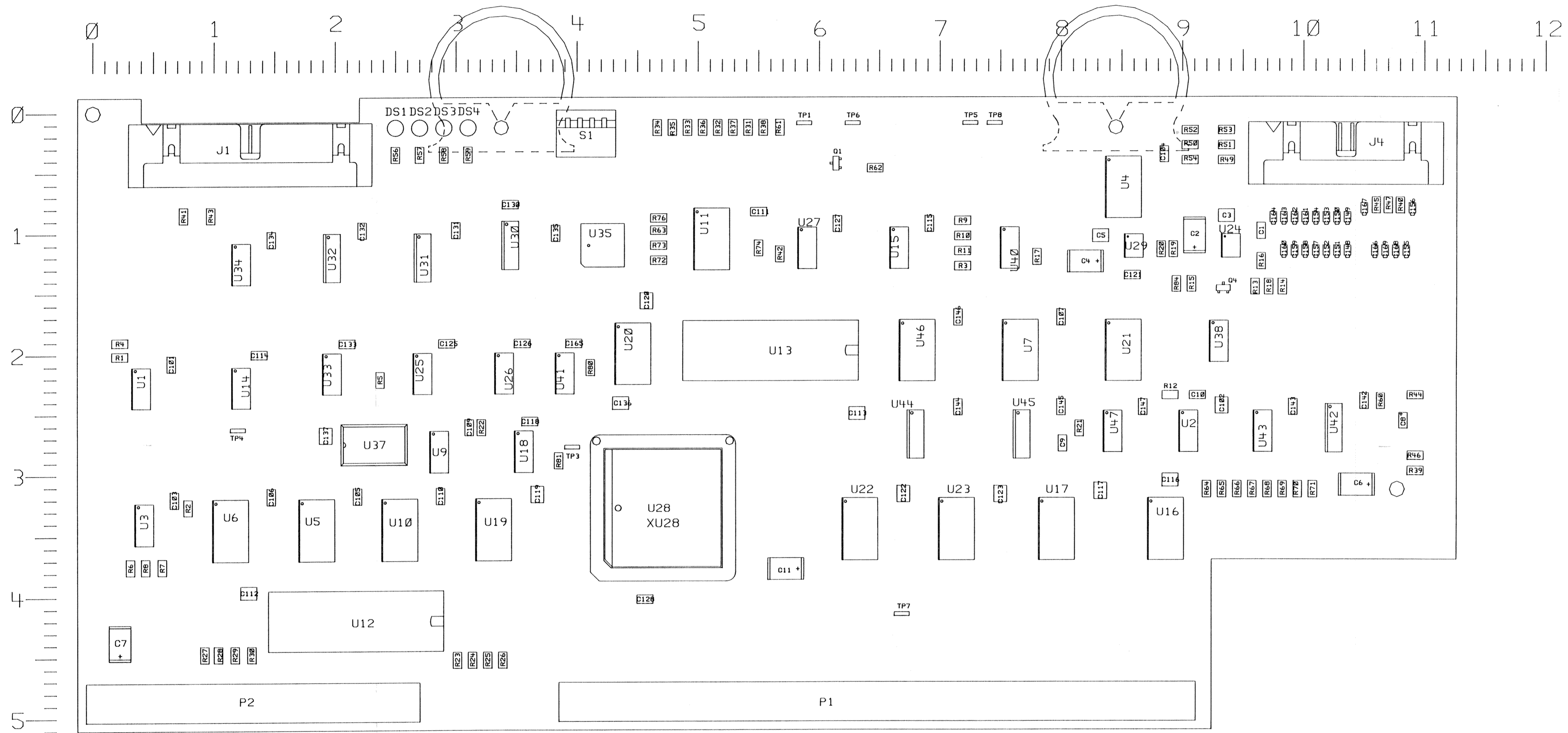
A7 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A7 (Cont'd)	08920-69107	REF	CONTROLLER (DCU)	28480	08920-69107
A7R13	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A7R14	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A7R15	0699-1382	1	RESISTOR 3.83K +1% .125W TF TC=0+100	81349	M55342K07R3E83R
A7R16	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A7R17	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R18	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A7R19	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R20	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R21	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A7R22	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R23	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R24	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R25	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R26	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R27	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R28	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R29	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R30	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R31	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R32	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R33	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R34	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R35	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R36	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R37	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R38	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R39	0699-1374	1	RESISTOR 1.78K +1% .125W TF TC=0+100	81349	M55342K07R1E78R
A7R40	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R41	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R42	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R43	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R44	0699-1374	1	RESISTOR 1.78K +1% .125W TF TC=0+100	81349	M55342K07R1E78R
A7R45	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R46	0699-1374	1	RESISTOR 1.78K +1% .125W TF TC=0+100	81349	M55342K07R1E78R
A7R47	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R49	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R50	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R51	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R52	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R53	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R54	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R56	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R57	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R58	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R59	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A7R60	0699-1330	1	RESISTOR 100K +1% .125W TF TC=0+100	81349	M55342K07R100ER
A7R61	0699-1374	1	RESISTOR 1.78K +1% .125W TF TC=0+100	81349	M55342K07R1E78R
A7R62	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A7R63	0699-1330	1	RESISTOR 100K +1% .125W TF TC=0+100	81349	M55342K07R100ER
A7R64	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R

A7 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A7 (Cont'd)	08920-69107	REF	CONTROLLER (DCU)	28480	08920-69107
A7U30	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A7U31	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A7U32	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A7U33	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A7U34	1820-5801	1	IC GATE CMOS/HC AND TPL 3-INP	27014	MM74HC11M
A7U35	08920-85009	1	IC PROGRAMMED 144-GATES 15NS CMOS	28480	08920-85009
A7U37	1813-0708	1	CLK-OSC-XTAL STD 16-MHZ 0.01%	S4206	TCO-711JTC-16MHZ
A7U38	1820-5733	1	IC GATE CMOS/HC NAND 8-INP	27014	MM74HC30M
A7U40	1820-5733	1	IC GATE CMOS/HC NAND 8-INP	27014	MM74HC30M
A7U41	1820-4275	1	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG	01295	SN74ALS74AD
A7U42	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	27014	MM74HC123AM
A7U43	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A7U44	1820-6406	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	18324	74HC191D
A7U45	1820-6406	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	18324	74HC191D
A7U46	1820-5732	1	IC LCH CMOS/HC D-TYPE OCTL	27014	MM74HC573WM
A7U47	1820-4938	1	IC GATE CMOS/HC EXCL-OR QUAD 2-INP	01295	SN74HC86D
A7XU13	1200-0567	1	SOCKET-IC-DIP 28-CONT DIP-SLDR	28480	1200-0567
A7	1251-5595	4	POLARIZING KEY-POST CONN	53387	3518
A7	5000-9043	2	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A7	5040-6843	2	EXTRACTOR-BOARD BLK	28480	5040-6843

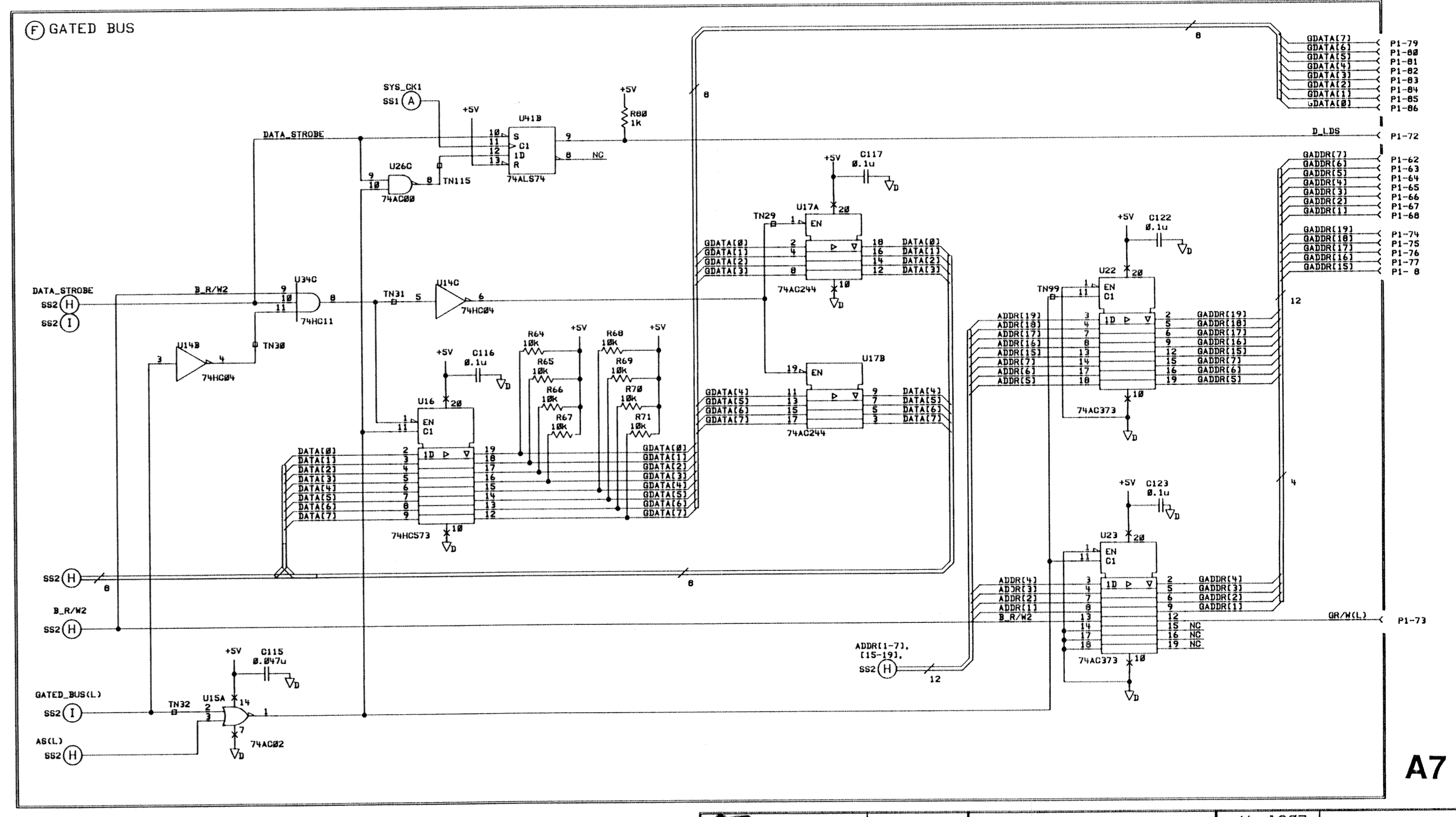
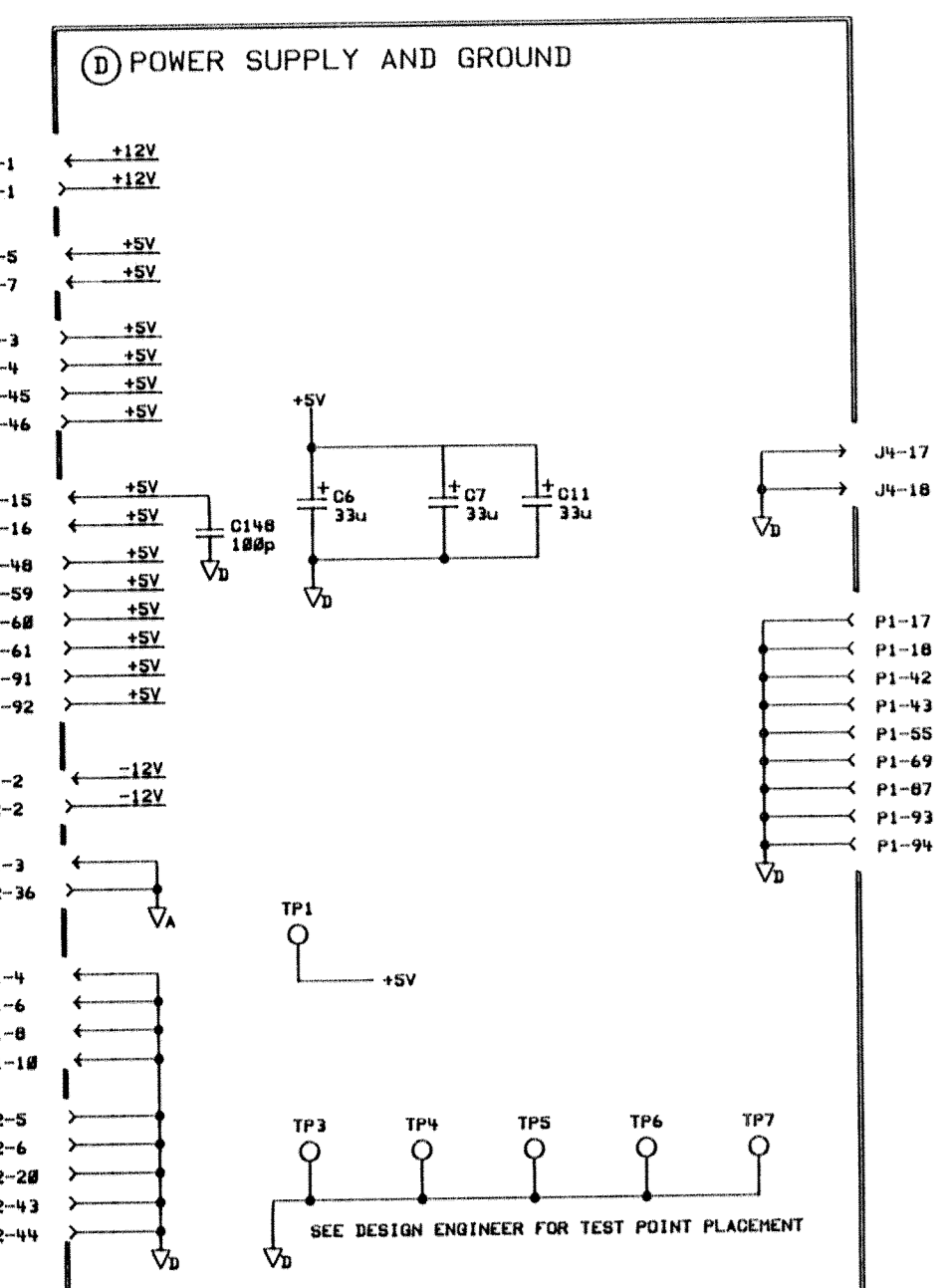
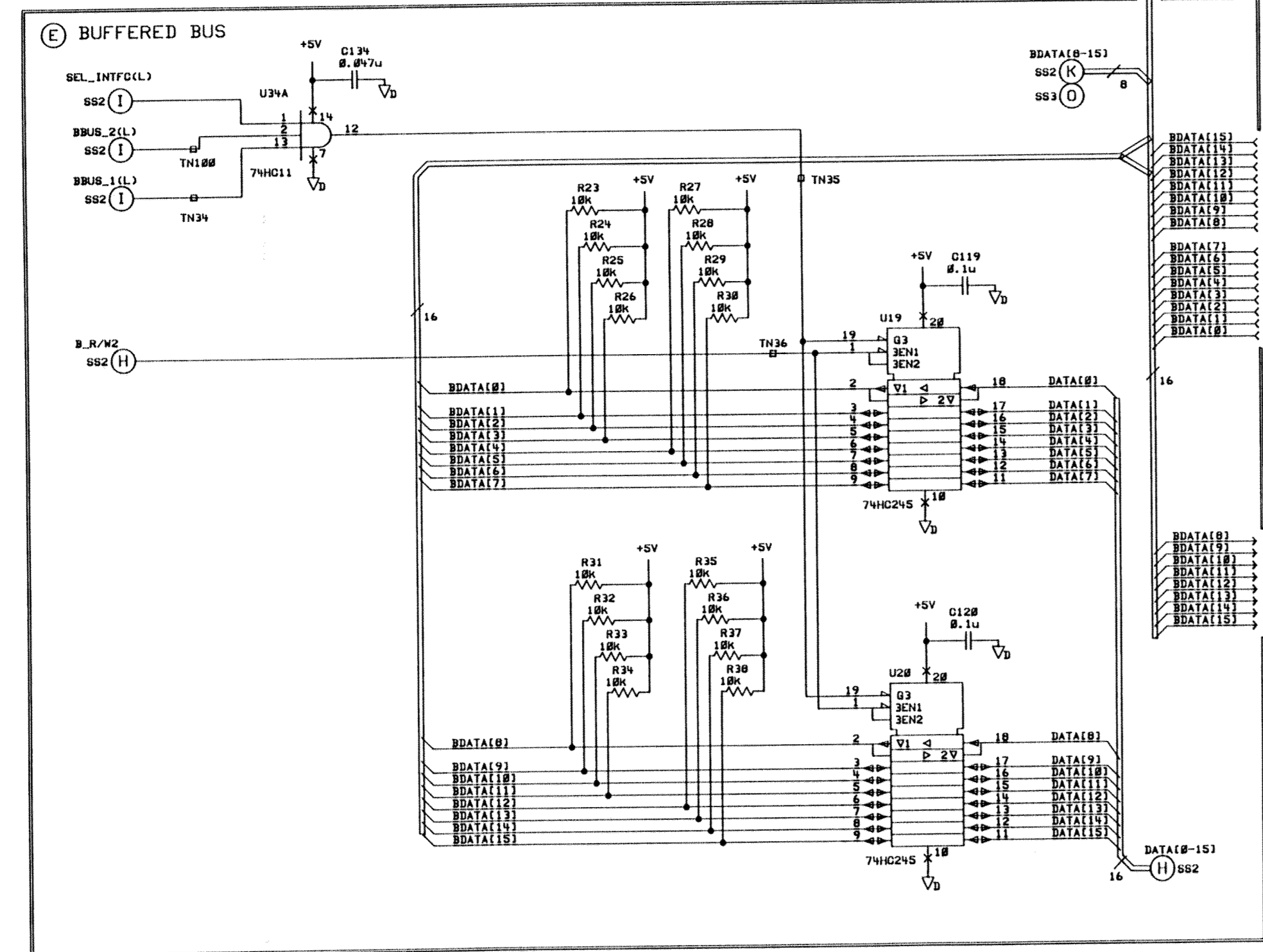
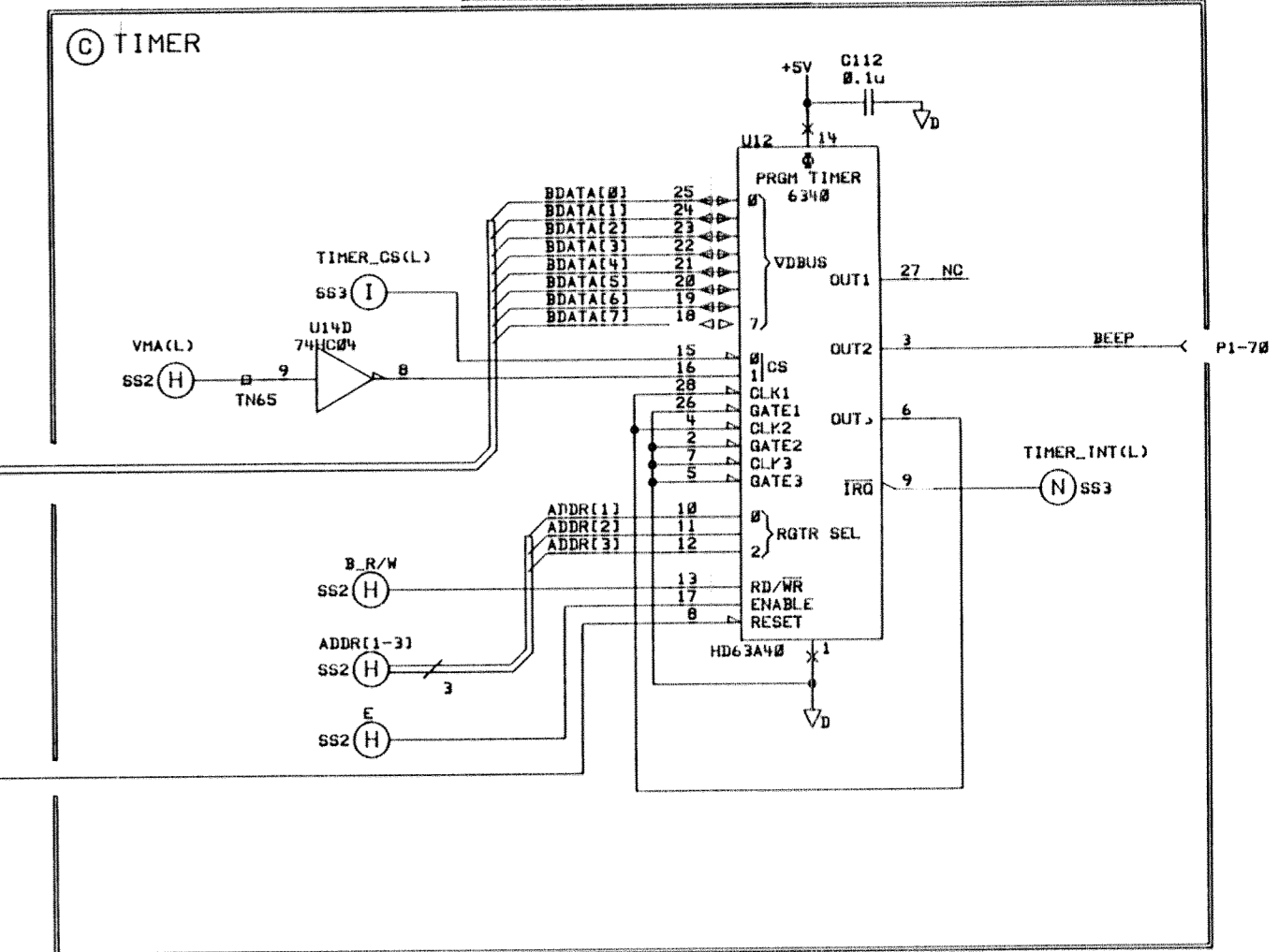
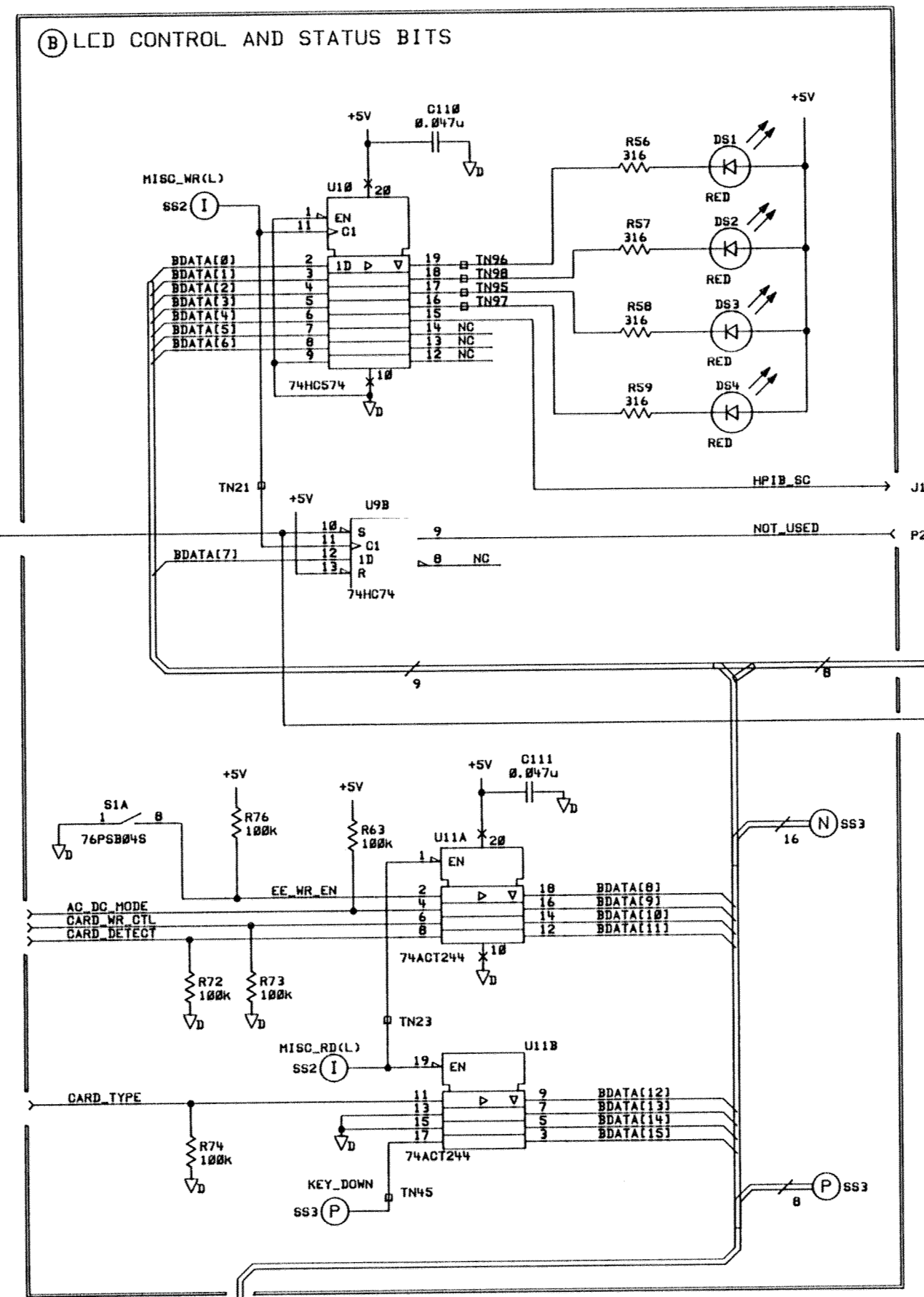
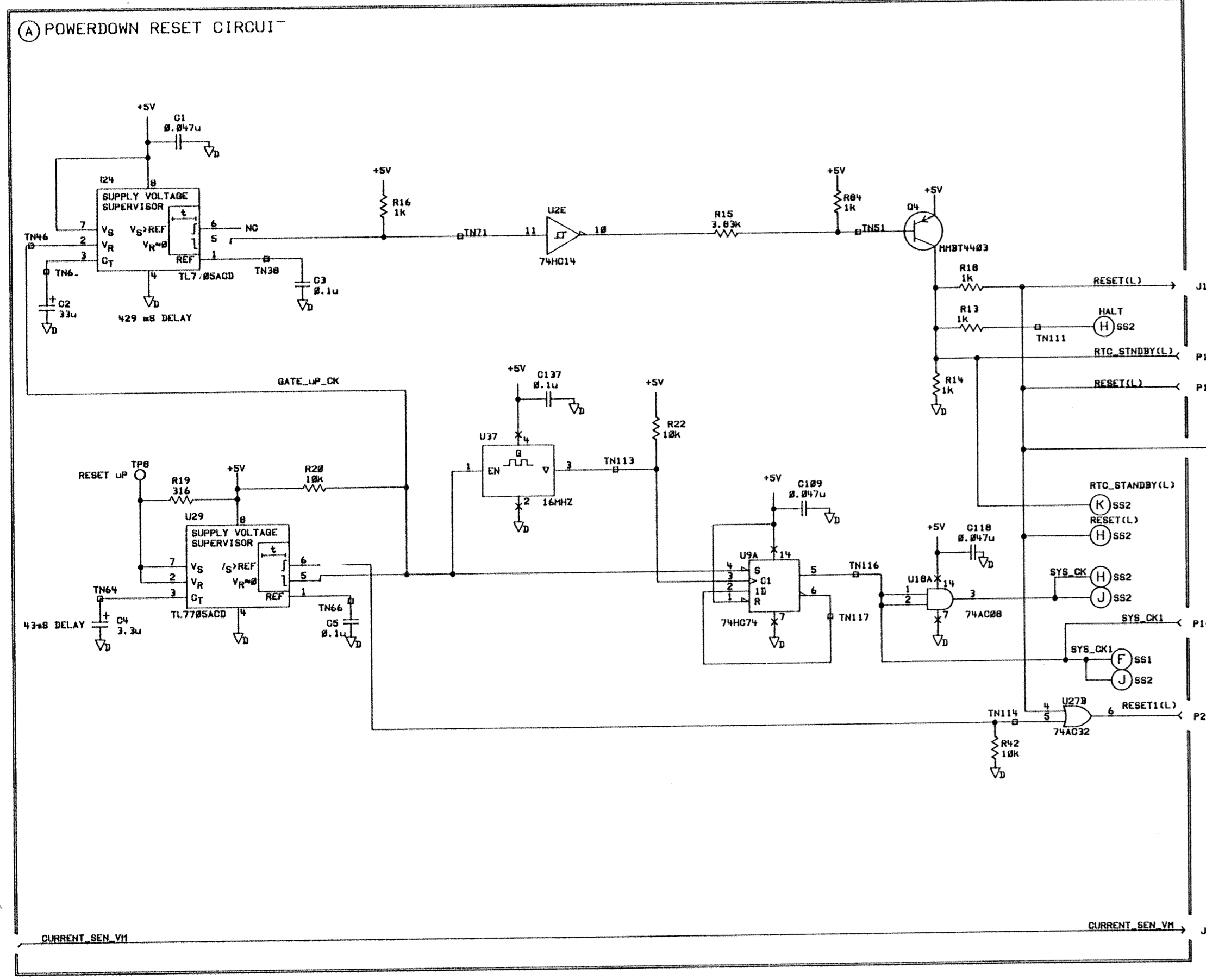




08920-60207

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PCD#: 10-7576



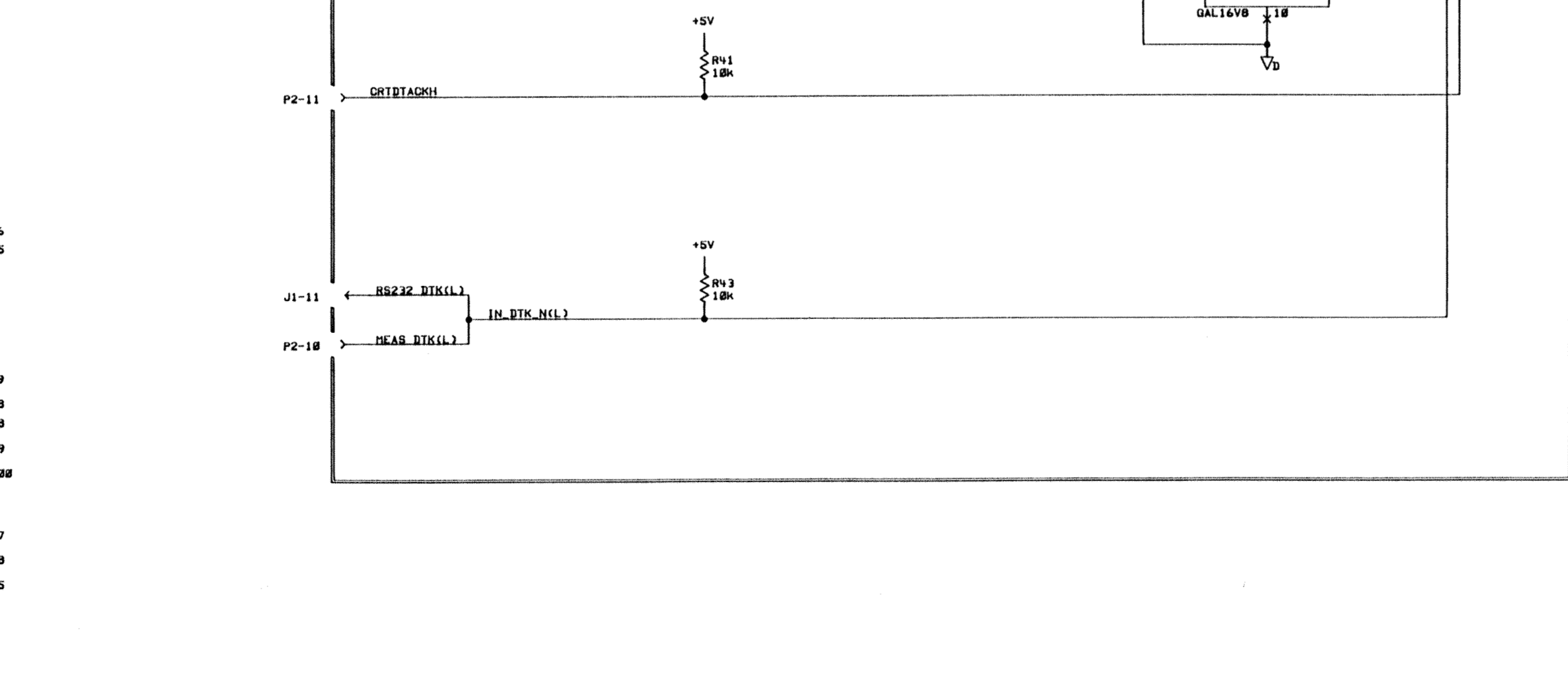
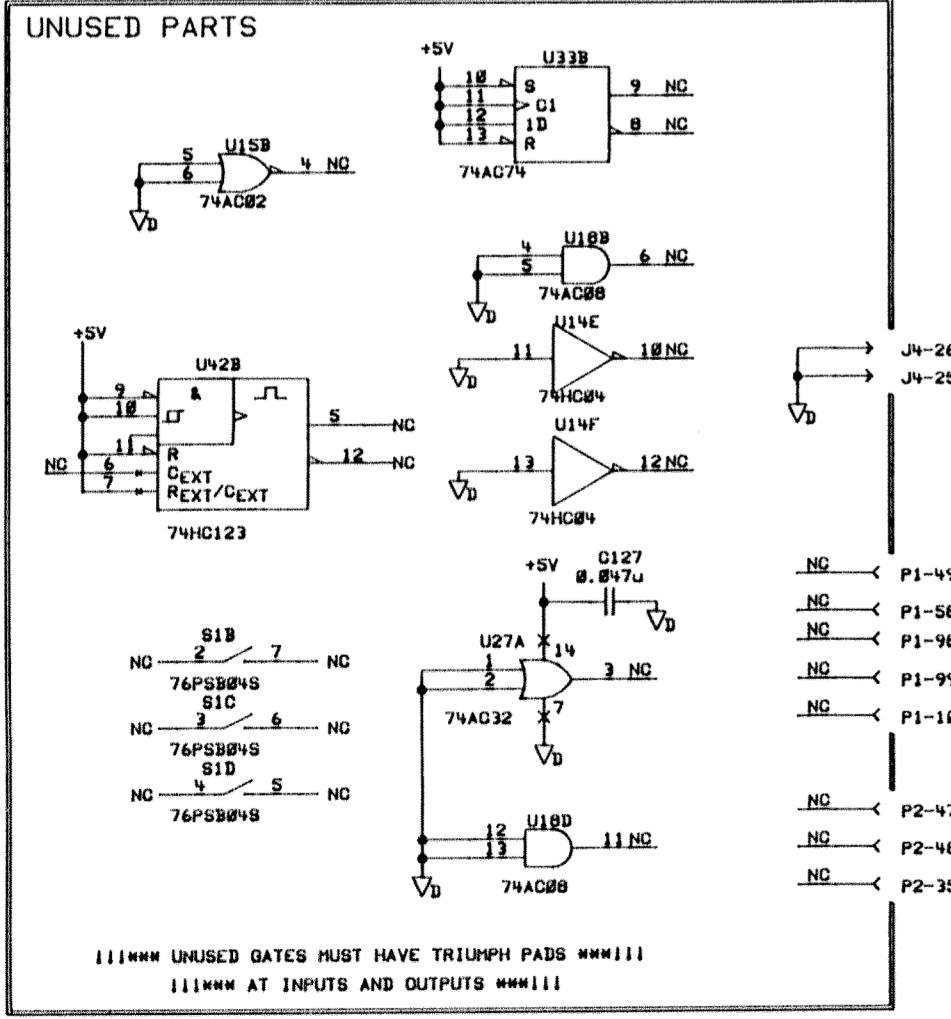
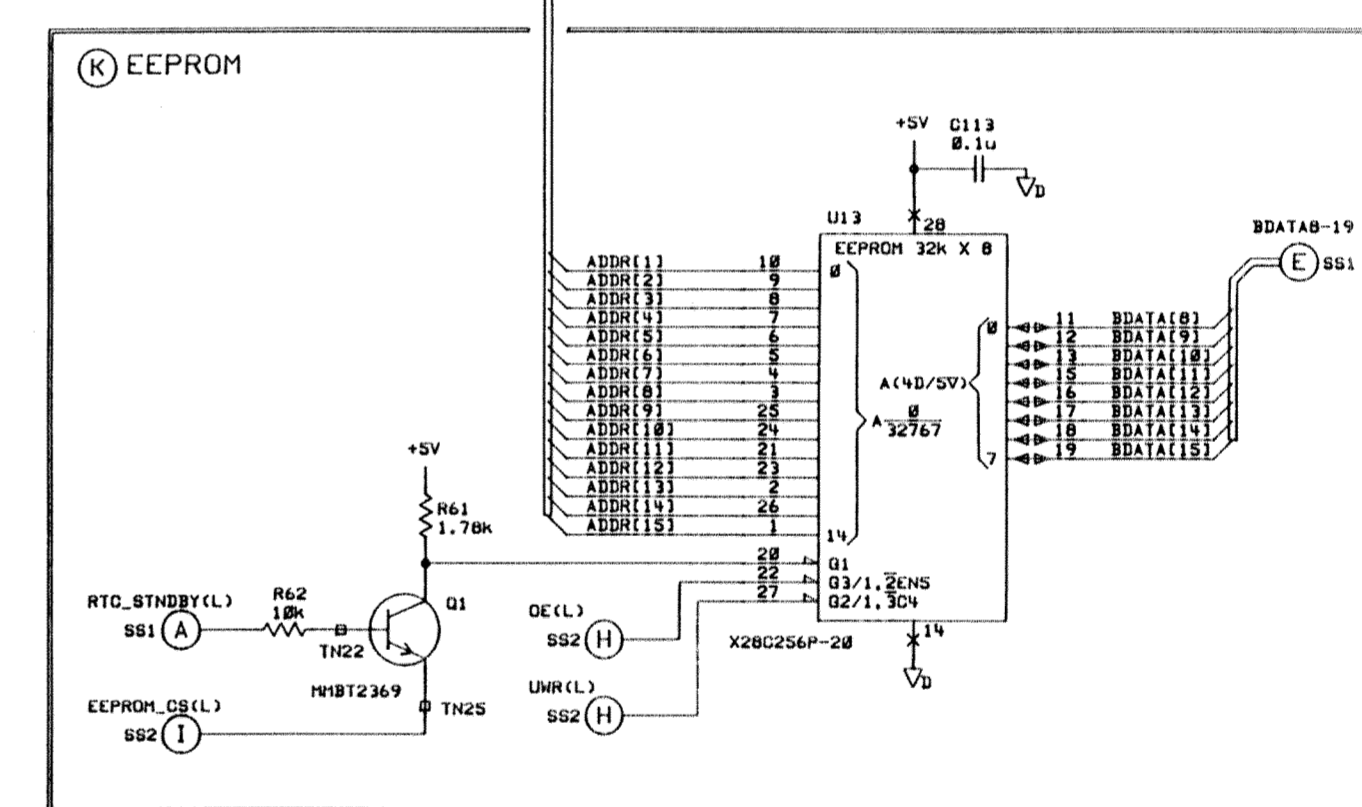
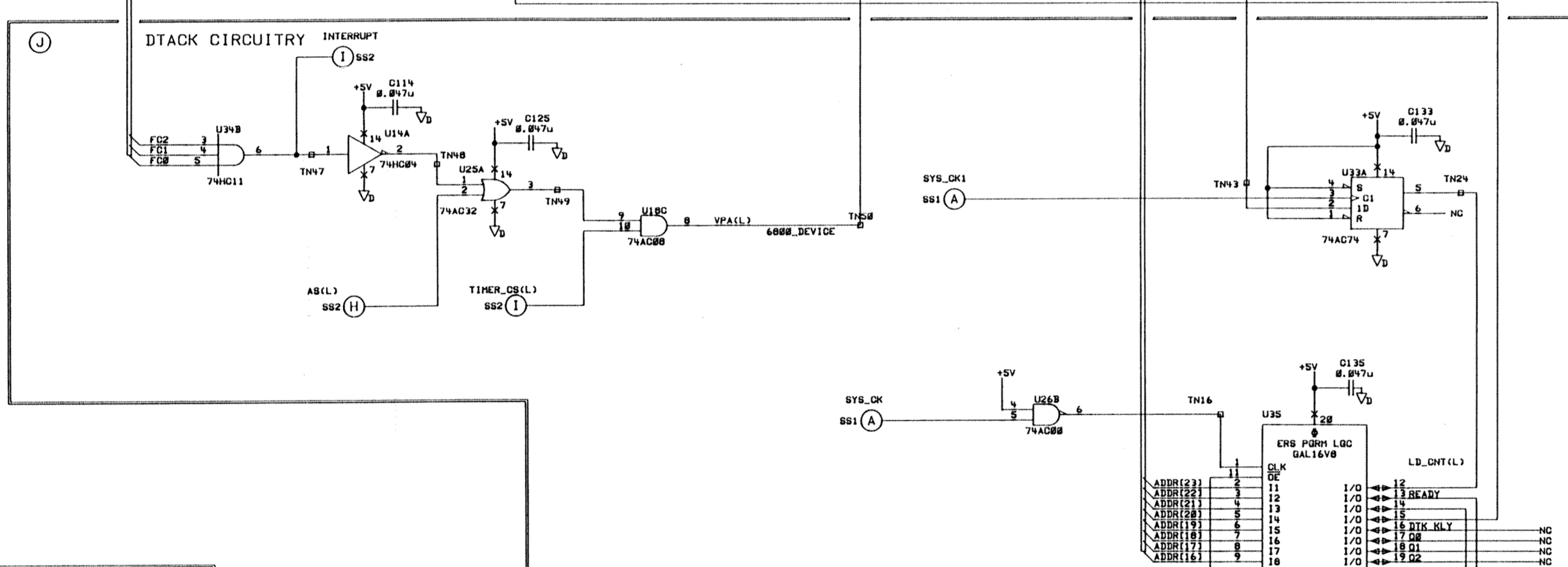
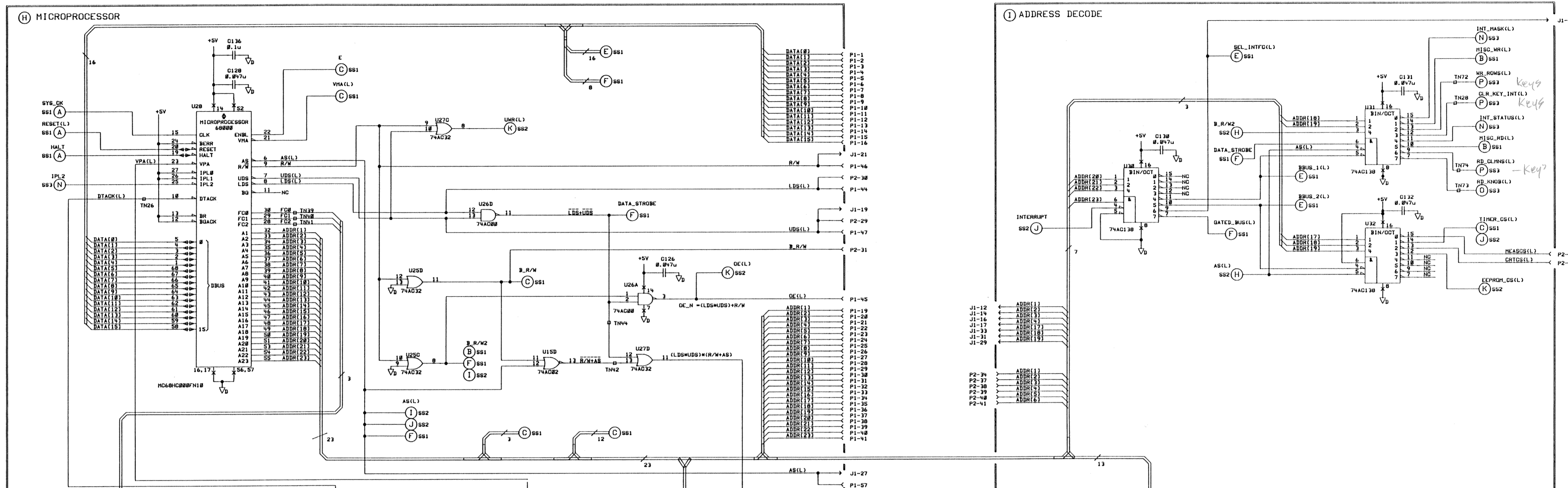
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ENGINEER/CHECKER	9/24/91		
RELEASE TO PROD.	12/09/91	DCU	NONE
SUPERSEDES DWG.		TITLE	FILENAME
			SCALE
			SHEET 1 OF 3
			08920-60207
			PART NUMBER
			D-08920-60207-1

OBSOLETE

DATE: 02/17/93
PCO#: 10- 7576

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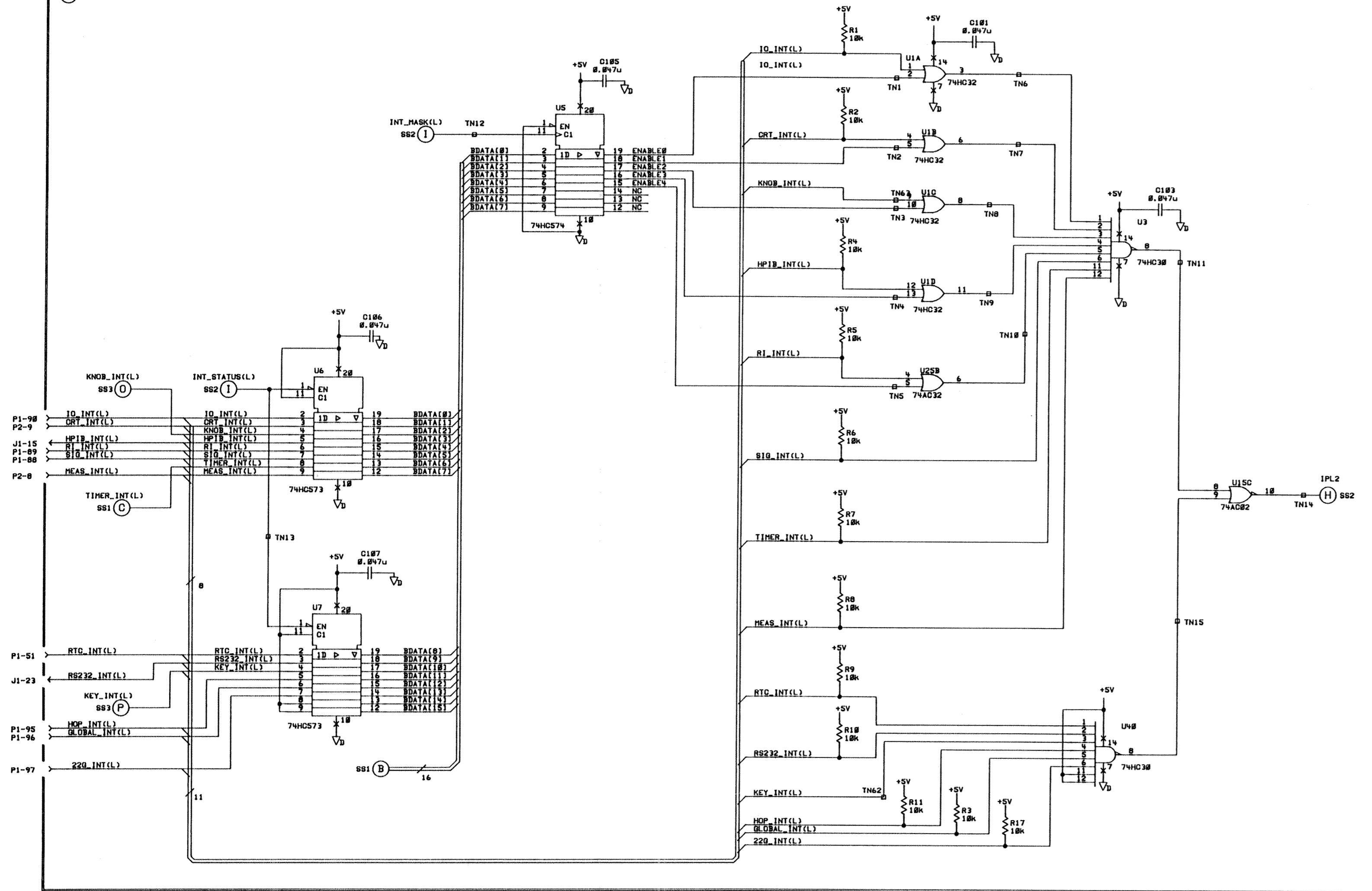
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	<p>DATE: 02/17/93</p>			<p>APPROVED [REDACTED]</p>
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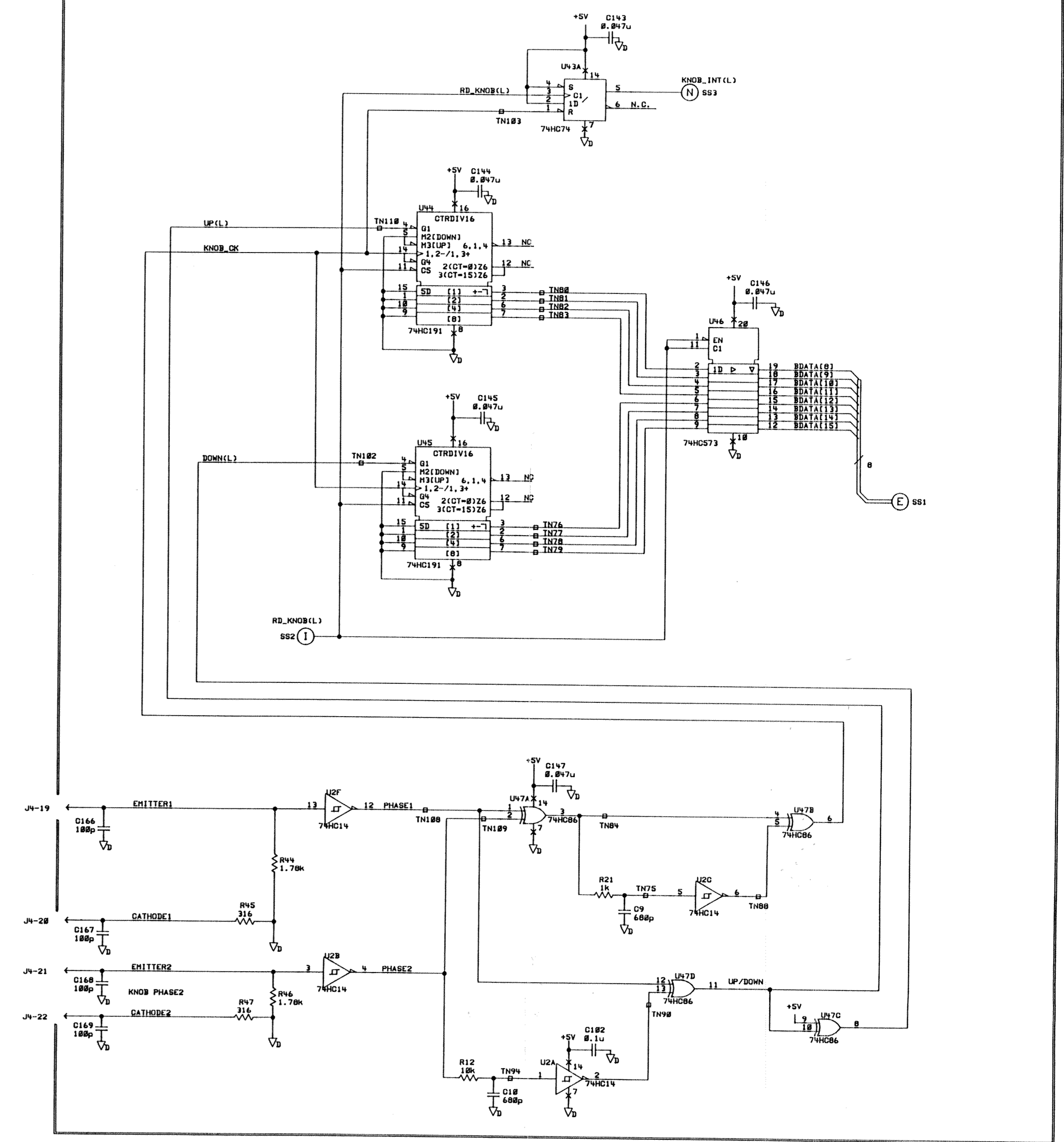
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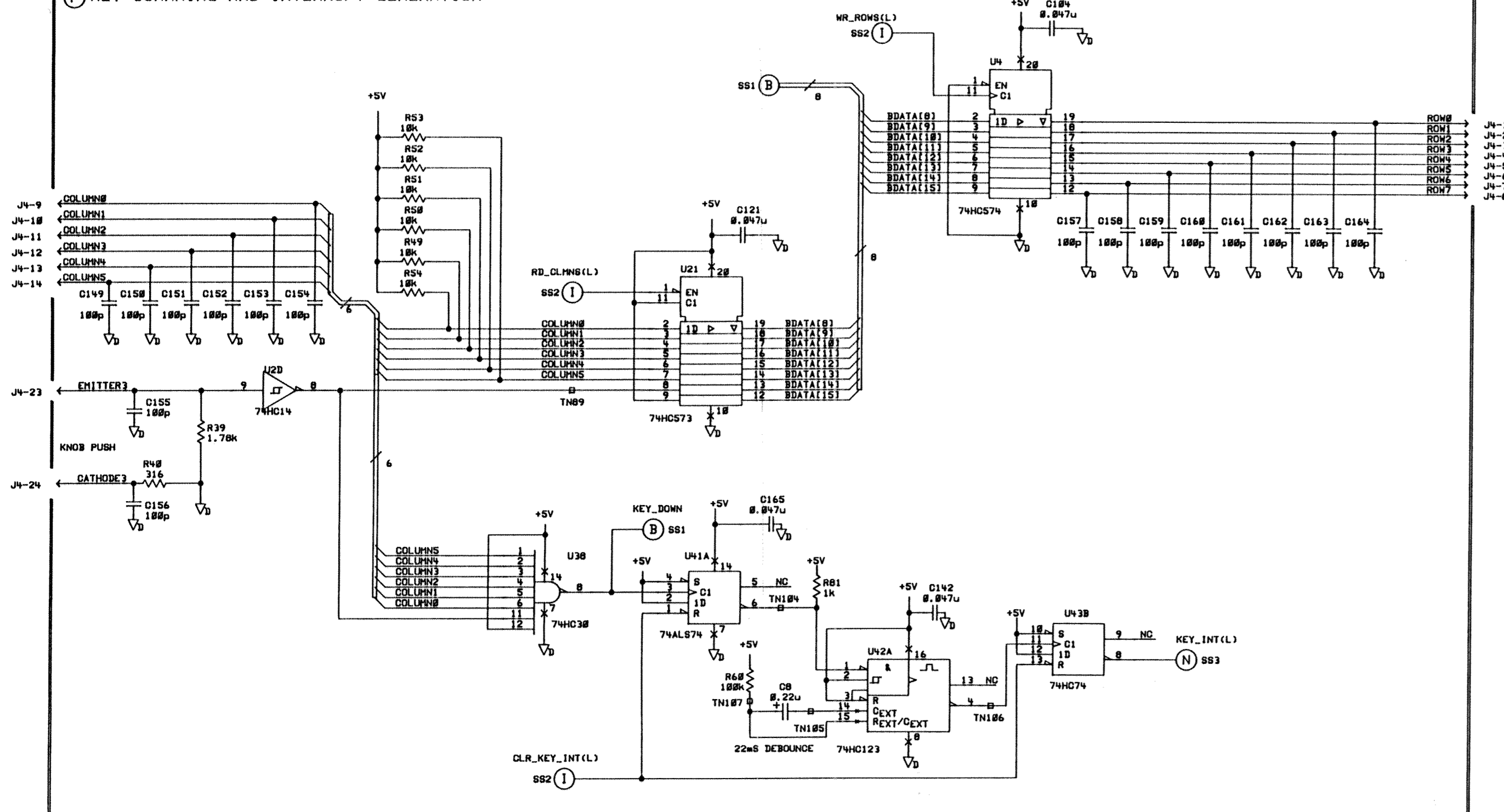
(N) INTERRUPT CIRCUITRY



(O) KNOB ROTATION INTERRUPT



(P) KEY SCANNING AND INTERRUPT GENERATION



A7

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DATE	
RELEASE TO PROD.	12/09/91
DATE	
SUPERSEDES DWG.	

SCHEMATIC, PWA
DCU
TITLE

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3 OF 3	08920-60207
	PART NUMBER
D-08920-60207-1	

Component-Level Information Packet

A8

MEMORY

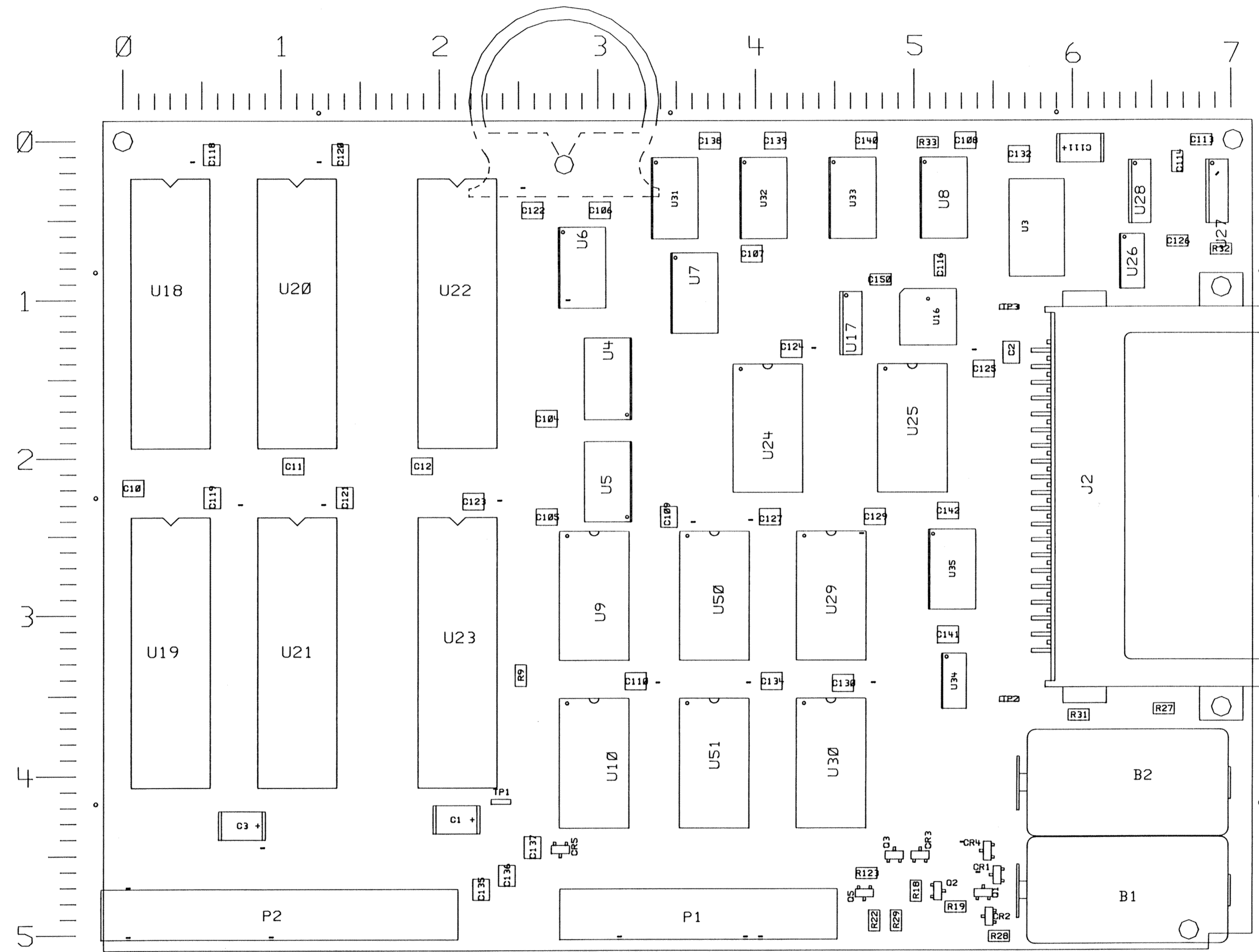
08920-61865

A8 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A8	08920-61865	1	MEMORY (New)	28480	08920-61865
A8	08920-69163	1	MEMORY (Exchange)	28480	08920-69163
A8	08920-60165-1	REF	MEMORY SCHEMATIC DIAGRAM		
A8	08920-60165-2	REF	MEMORY COMPONENT LOCATOR		
A8B1	1420-0338	1	BATTERY 3V 1.2A-HR LITHIUM-POLYC-MONOFL	61058	BR2/3AE2SP
A8B2	1420-0338	1	BATTERY 3V 1.2A-HR LITHIUM-POLYC-MONOFL	61058	BR2/3AE2SP
A8C1	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A8C2	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C3	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A8C10	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C11	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C12	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C104	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C105	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C106	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C107	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C108	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C109	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C110	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C111	0180-4287	1	CAP-FXD 10UF +-20% 35V TA	31433	T491D106M050AS
A8C113	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A8C114	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A8C116	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A8C118	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C119	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C120	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C121	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C122	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C123	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C124	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C125	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C126	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A8C127	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C129	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C130	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C132	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C134	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C135	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C136	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C137	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C138	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C139	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C140	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C141	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C142	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A8C150	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A8CR1	1900-0072	1	DIODE-SCHOTTKY SM SIG	28480	1900-0072
A8CR2	1900-0072	1	DIODE-SCHOTTKY SM SIG	28480	1900-0072
A8CR3	1900-0072	1	DIODE-SCHOTTKY SM SIG	28480	1900-0072
A8CR4	1900-0072	1	DIODE-SCHOTTKY SM SIG	28480	1900-0072
A8CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A8J2	1200-1624	1	SOCKET-MEMORY CARD 40-CONT	61722	7508-1110
A8P1	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A8P2	1252-0748	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	1-534204-2
A8Q1	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A8Q2	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A8Q3	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A8Q5	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A8R9	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F

A8 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A8 (Cont'd)	08920-61865	REF	MEMORY	28480	08920-61865
A8R18	0699-1380	1	RESISTOR 3.16K +1% .125W TF TC=0+100	81349	M55342K07R3E16R
A8R19	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A8R22	0699-1380	1	RESISTOR 3.16K +1% .125W TF TC=0+100	81349	M55342K07R3E16R
A8R27	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A8R28	0699-1318	1	RESISTOR 1K +1% .125W TF TC=0+100	28480	0699-1318
A8R29	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A8R31	0699-1330	1	RESISTOR 100K +1% .125W TF TC=0+100	81349	M55342K07R100ER
A8R32	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A8R33	0699-1391	1	RESISTOR 10K +1% .125W TF TC=0+100	81349	M55342K07R10E0R
A8R123	0699-1427	1	RESISTOR 316 +1% .125W TF TC=0+100	81349	M55342K07R316DR
A8TP1	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A8TP2	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A8TP3	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A8U3	1820-7776	1	IC-INTERFACE MISC-DGTL CMOS	S5846	RTC-72423A
A8U4	1820-4790	1	IC TRANSCEIVER TTL/ALS BUS OCTL	01295	SN74ALS245ADW
A8U5	1820-4790	1	IC TRANSCEIVER TTL/ALS BUS OCTL	01295	SN74ALS245ADW
A8U6	1820-4788	1	IC DRVR TTL/ALS BUS OCTL	01295	SN74ALS244BDW
A8U7	1820-4788	1	IC DRVR TTL/ALS BUS OCTL	01295	SN74ALS244BDW
A8U8	1820-4788	1	IC DRVR TTL/ALS BUS OCTL	01295	SN74ALS244BDW
A8U9	1818-4779	1	IC IM SRAM 100-NS CMOS 1048576 BITS	62786	HM628128LFP-10
A8U10	1818-4779	1	IC IM SRAM 100-NS CMOS 1048576 BITS	62786	HM628128LFP-10
A8U16	08922-85010	1	IC PROGRAMMED 144-GATES 15NS CMOS	28480	08922-85010
A8U17	1820-4257	1	IC DCDR TTL/ALS BIN 3-TO-8-LINE	01295	SN74ALS138D
A8U18	08920-61058	1	FIRMWARE KIT	28480	08920-61058
A8U19	08920-61058	REF	FIRMWARE KIT	28480	08920-61058
A8U20	08920-61058	REF	FIRMWARE KIT	28480	08920-61058
A8U21	08920-61058	REF	FIRMWARE KIT	28480	08920-61058
A8U22	08920-61058	REF	FIRMWARE KIT	28480	08920-61058
A8U23	08920-61058	REF	FIRMWARE KIT	28480	08920-61058
A8U24	1818-4779	1	IC IM SRAM 100-NS CMOS 1048576 BITS	62786	HM628128LFP-10
A8U25	1818-4779	1	IC IM SRAM 100-NS CMOS 1048576 BITS	62786	HM628128LFP-10
A8U26	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	27014	74AC32SC
A8U27	1820-4928	1	IC FF TTL/ALS J-K BAR POS-EDGE-TRIG	01295	SN74ALS109AD
A8U28	1820-4276	1	IC FF TTL/ALS J-K NEG-ENG-TRIG	01295	SN74ALS112AD
A8U31	1820-4788	1	IC DRVR TTL/ALS BUS OCTL	01295	SN74ALS244BDW
A8U32	1820-4788	1	IC DRVR TTL/ALS BUS OCTL	01295	SN74ALS244BDW
A8U33	1820-4788	1	IC DRVR TTL/ALS BUS OCTL	01295	SN74ALS244BDW
A8U34	1820-4249	1	IC INV TTL/ALS HEX	01295	SN74ALS04BD
A8U35	1820-4790	1	IC TRANSCEIVER TTL/ALS BUS OCTL	01295	SN74ALS245ADW
A8XU18	1200-1314	1	SOCKET-IC-DIP 32-CONT DIP-SLDR	00779	2-644018-1
A8XU19	1200-1314	1	SOCKET-IC-DIP 32-CONT DIP-SLDR	00779	2-644018-1
A8XU20	1200-1314	1	SOCKET-IC-DIP 32-CONT DIP-SLDR	00779	2-644018-1
A8XU21	1200-1314	1	SOCKET-IC-DIP 32-CONT DIP-SLDR	00779	2-644018-1
A8XU22	1200-1314	1	SOCKET-IC-DIP 32-CONT DIP-SLDR	00779	2-644018-1
A8XU23	1200-1314	1	SOCKET-IC-DIP 32-CONT DIP-SLDR	00779	2-644018-1
A8	0515-0372	2	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-0372
A8	08920-40004	1	HOLDER, ELECTRICAL CARD	28480	08920-40004
A8	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A8	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843



08920-60165

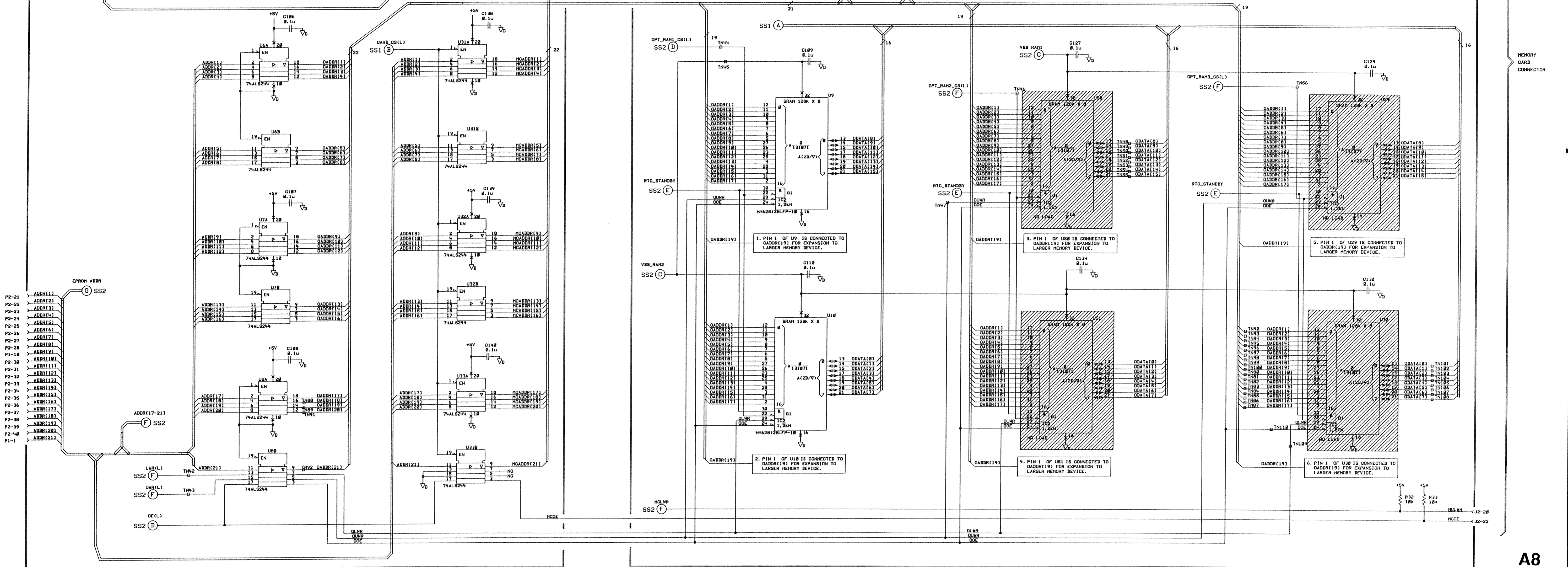
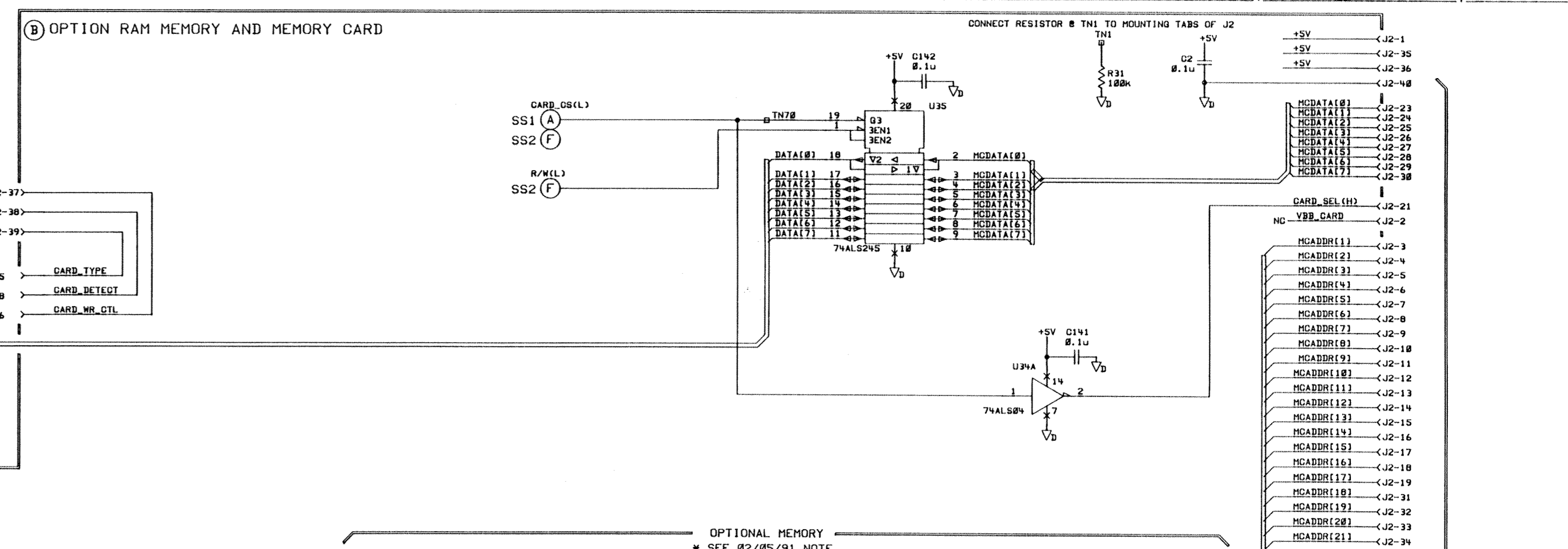
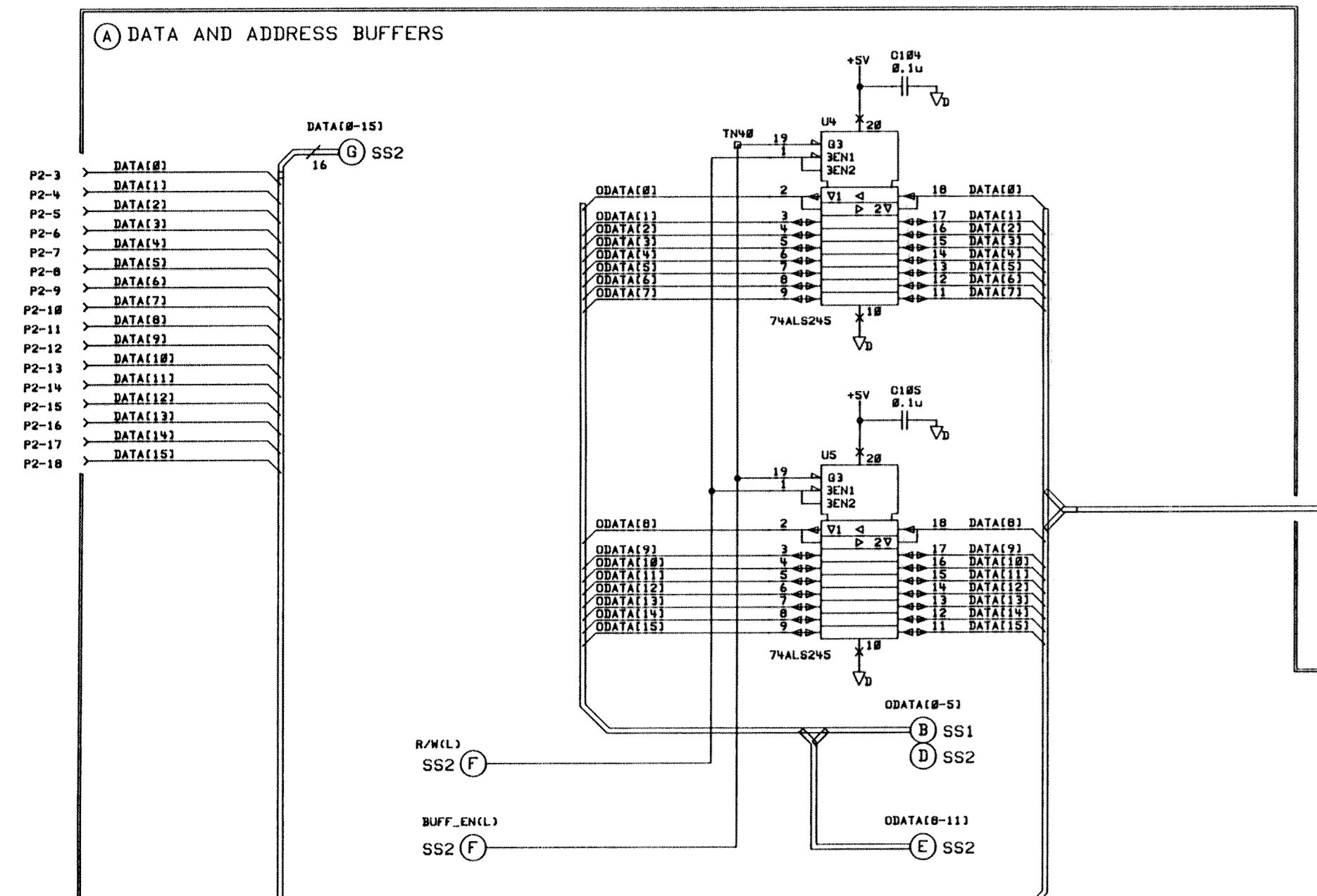
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SYM	REVISIONS	APPROVED	DATE
M	CHG EPROM P/N PER PCO 10-7614		3/18/93
N	CHG EPROM P/N PER PCO 10-7686		4/22/93
P	CHG EPROM P/N PER PCO 10-7853		8/3/93

***** NOTE: 04/15/91 *****

THE RAM ADDRESS IS AS FOLLOWS:

U24 & U256A0000H - 6DFFFFH SYS
 U9 & U106E0000H - 71FFFFH OPT1
 U50 & U51720000H - 75FFFFH OPT2
 U29 & U30760000H - 79FFFFH OPT3

SINCE THIS MEMORY MAP RESULTS IN ADDR [17] APPEARING INVERTED, THE LOWER HALF OF RAM'S ADDRESSES ACTUALLY ACCESS THE UPPER HALF OF A RAM. THE UPPER HALF OF A RAM'S ADDRESSES ACTUALLY ACCESS THE LOWER HALF OF THE RAM.



A8

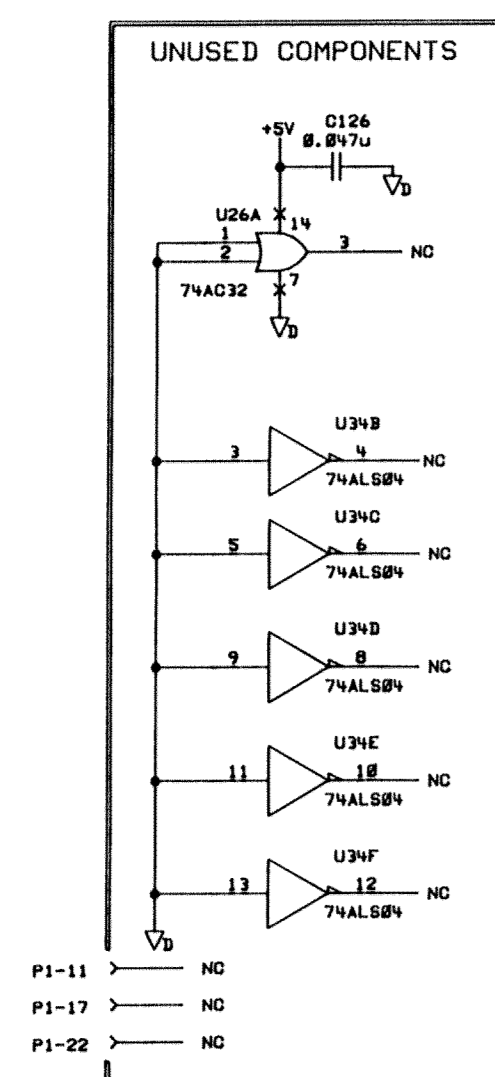
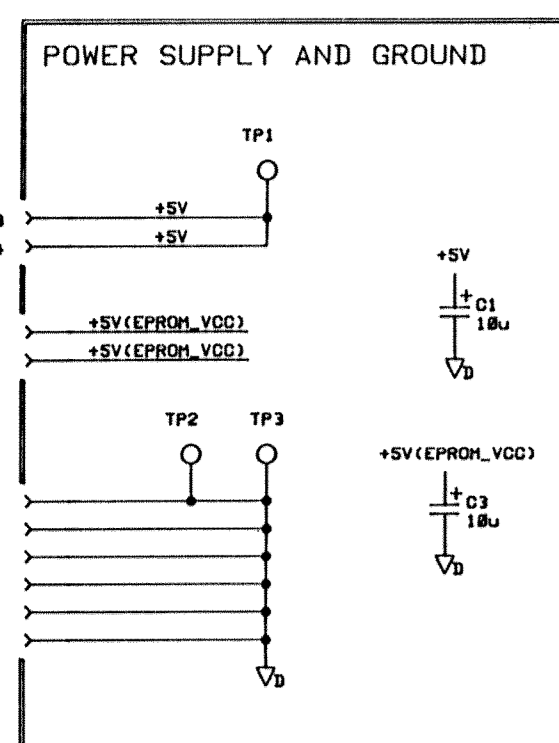
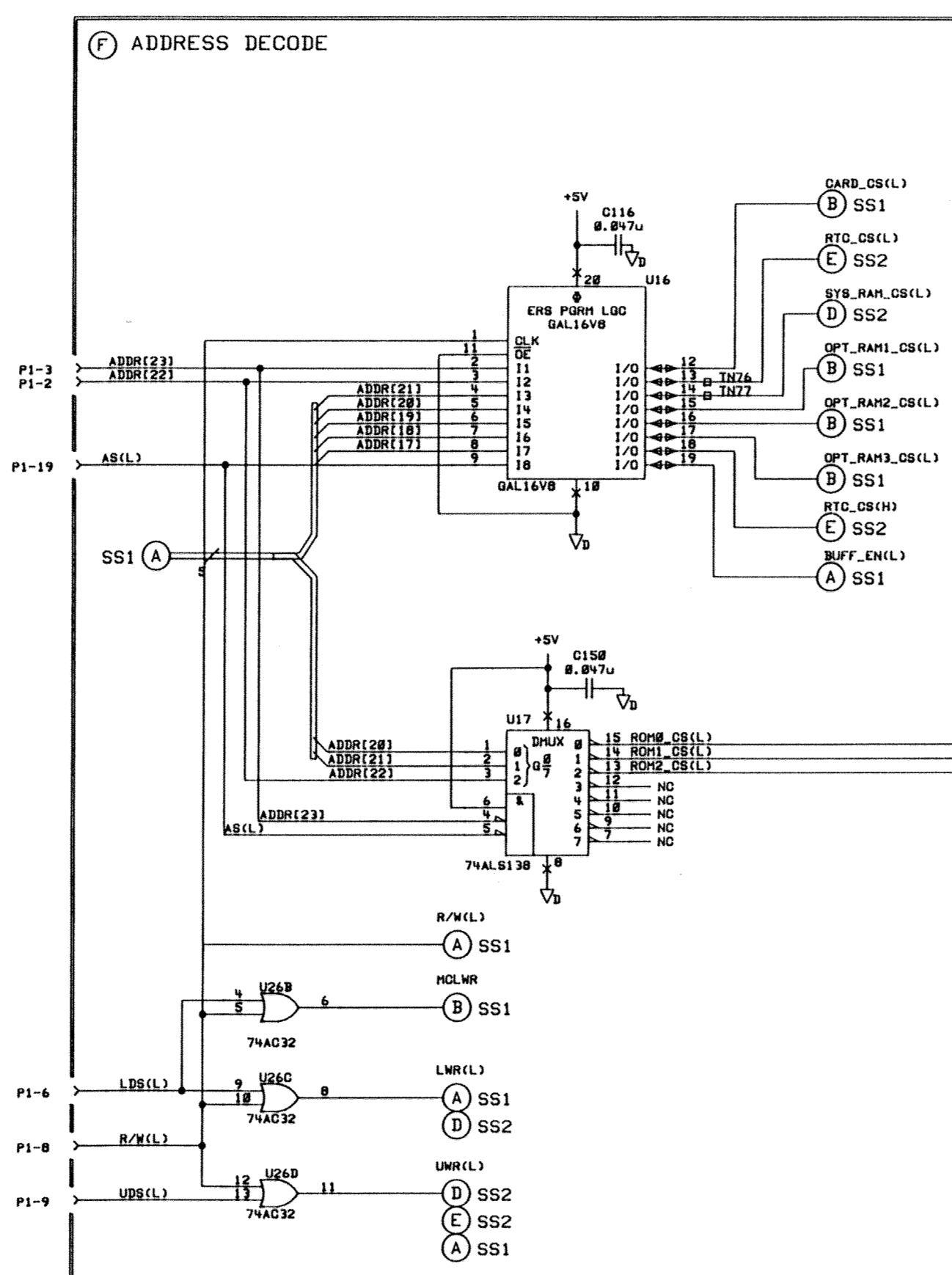
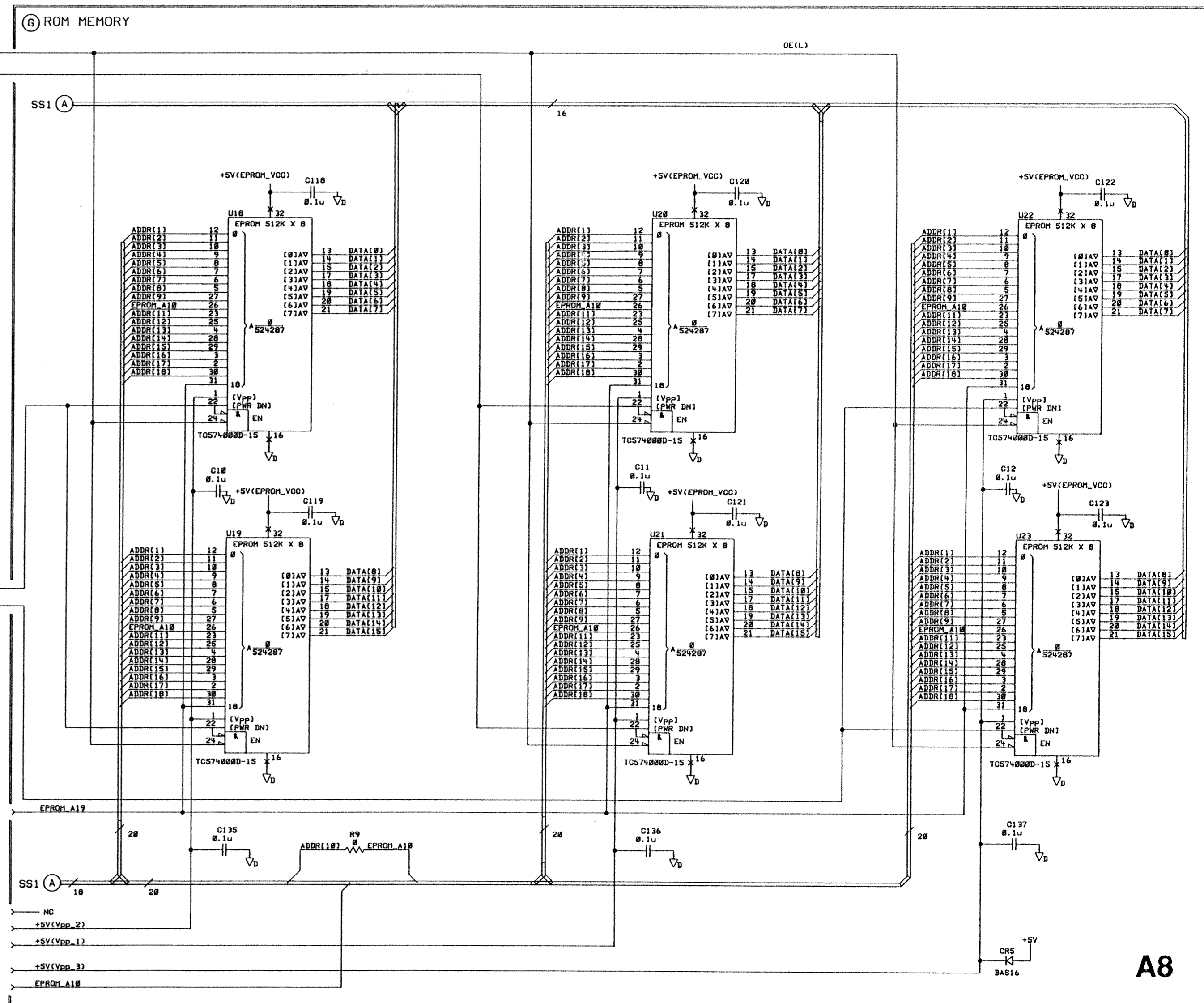
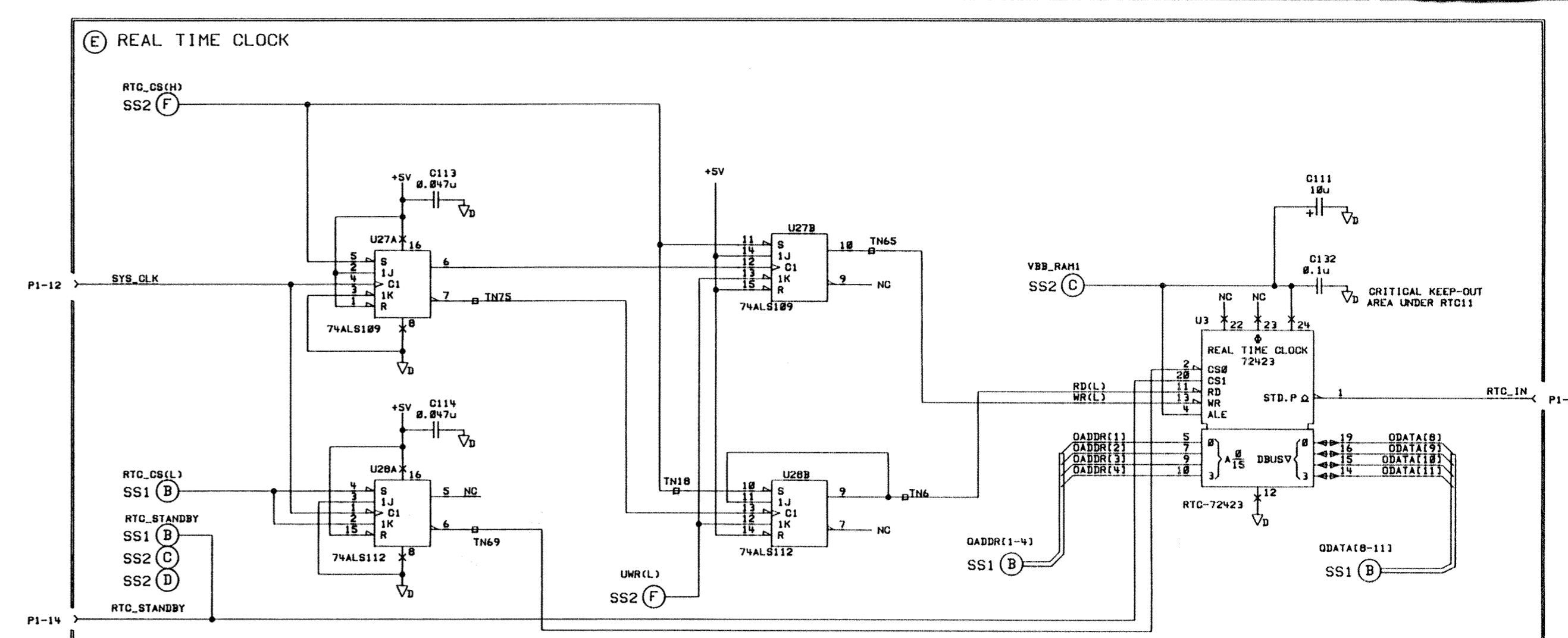
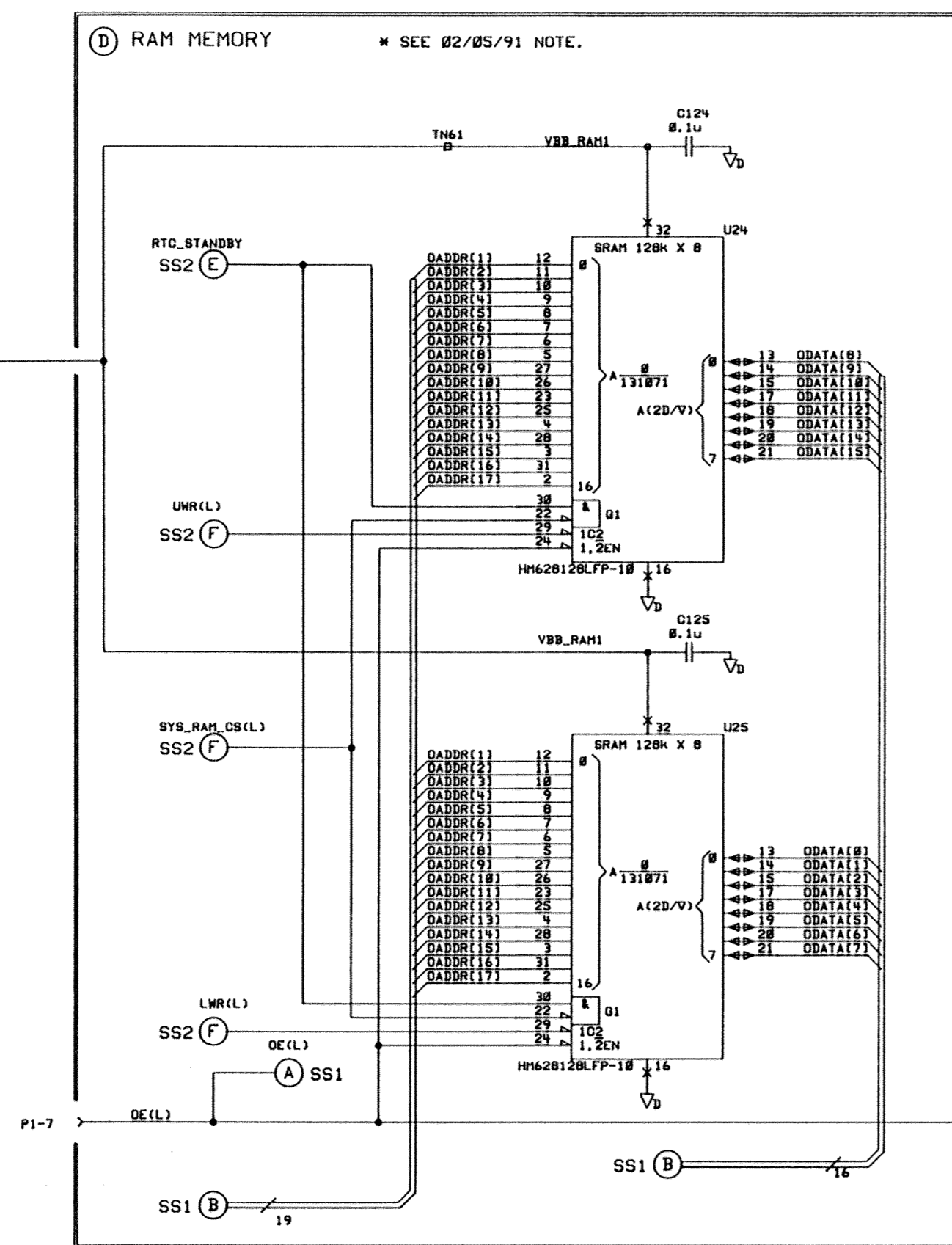
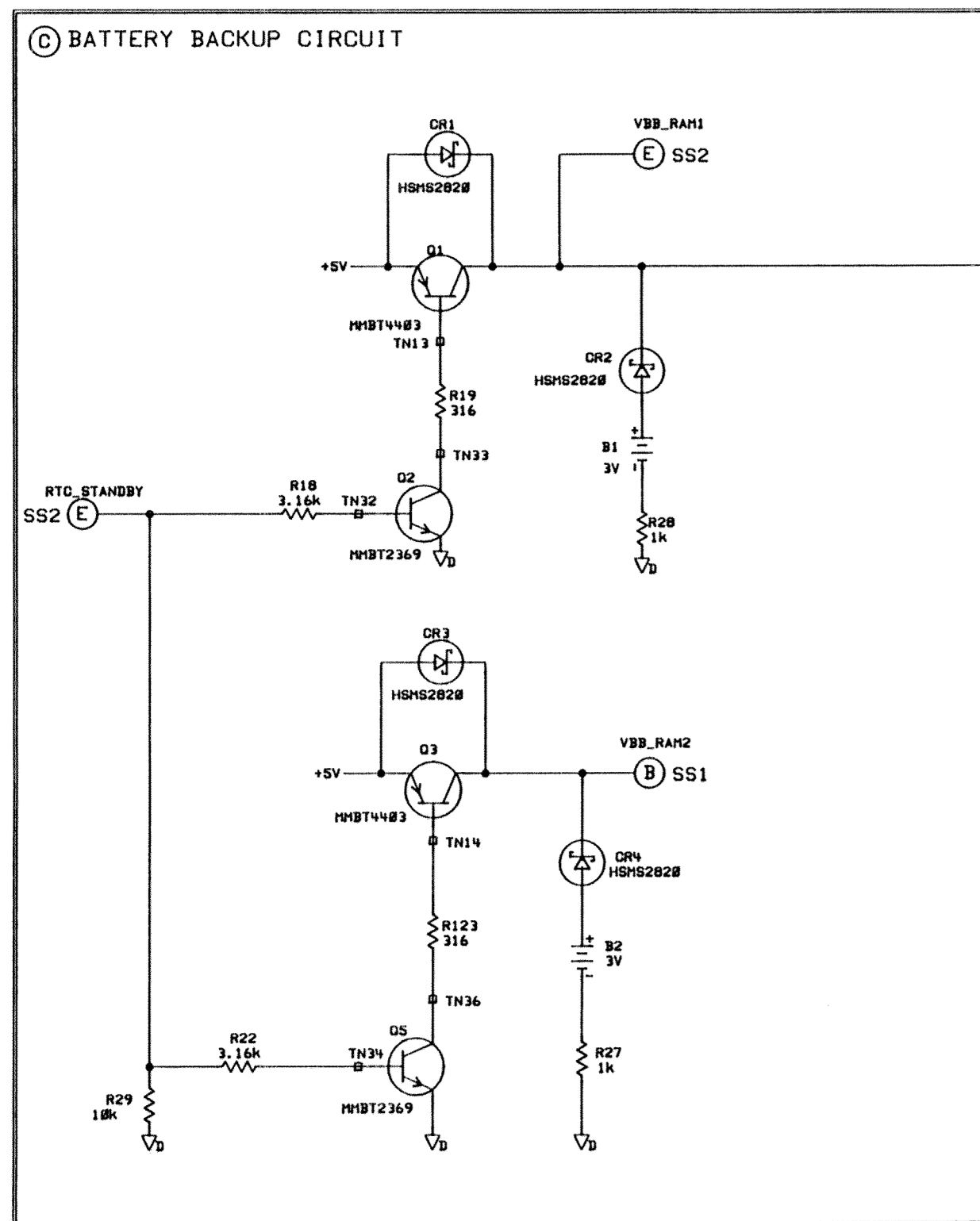
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 RELEASE TO PROD.
 SUPERSEDES DWG.

15OCT90
 DATE
 15OCT90
 DATE
 13JUN91
 DATE

SCHEMATIC, PWA
 SYSTEM MEMORY
 "G"

s1bal165
 FILENAME
 SCALE NONE
 SHEET 1 OF 2
 08920-60165
 PART NUMBER
 D-08920-60165-1

SYM	REVISIONS	APPROVED	DATE
M	CHG EPROM P/N PER PCO 10-7614	[REDACTED]	3/18/93
N	CHG EPROM P/N PER PCO 10-7686	[REDACTED]	4/22/93
P	CHG EPROM P/N PER PCO 10-7853	[REDACTED]	8/3/93



NOTE:
DO NOT ATTEMPT
TO USE P2(29).

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DRAWN BY [REDACTED]
ENGINEER/CHECKER [REDACTED]
RELEASE TO PROD. [REDACTED]
SUPERSEDES DWG. [REDACTED]

15OCT90
DATE [REDACTED]
15OCT90
DATE [REDACTED]
13JUN91
DATE [REDACTED]

SCHEMATIC, PWA
SYSTEM MEMORY
"G"

s2ba1165
FILENAME [REDACTED]
SCALE NONE
SHEET 2 OF 2
PART NUMBER 08920-60165
D-08920-60165-1

Component-Level Information Packet

A10

POWER SUPPLY REGULATOR

08920-69156

8920A COMPONENT LEVEL INFORMATION ERRATA

A10 Power Supply Regulator

Change title page part number to:
08920-61856

Change A10 to:

A10, 08920-61856, 1, POWER SUPPLY REGULATOR (New), 28480, 08920-61856
A10, 08920-69156, 1, POWER SUPPLY REGULATOR (Exchange), 28480, 08920-69156
A10, 08920-60356-1, POWER SUPPLY REGULATOR SCHEMATIC DIAGRAM
A10, 08920-60356-2, POWER SUPPLY REGULATOR COMPONENT LOCATOR

Add A10VR1:

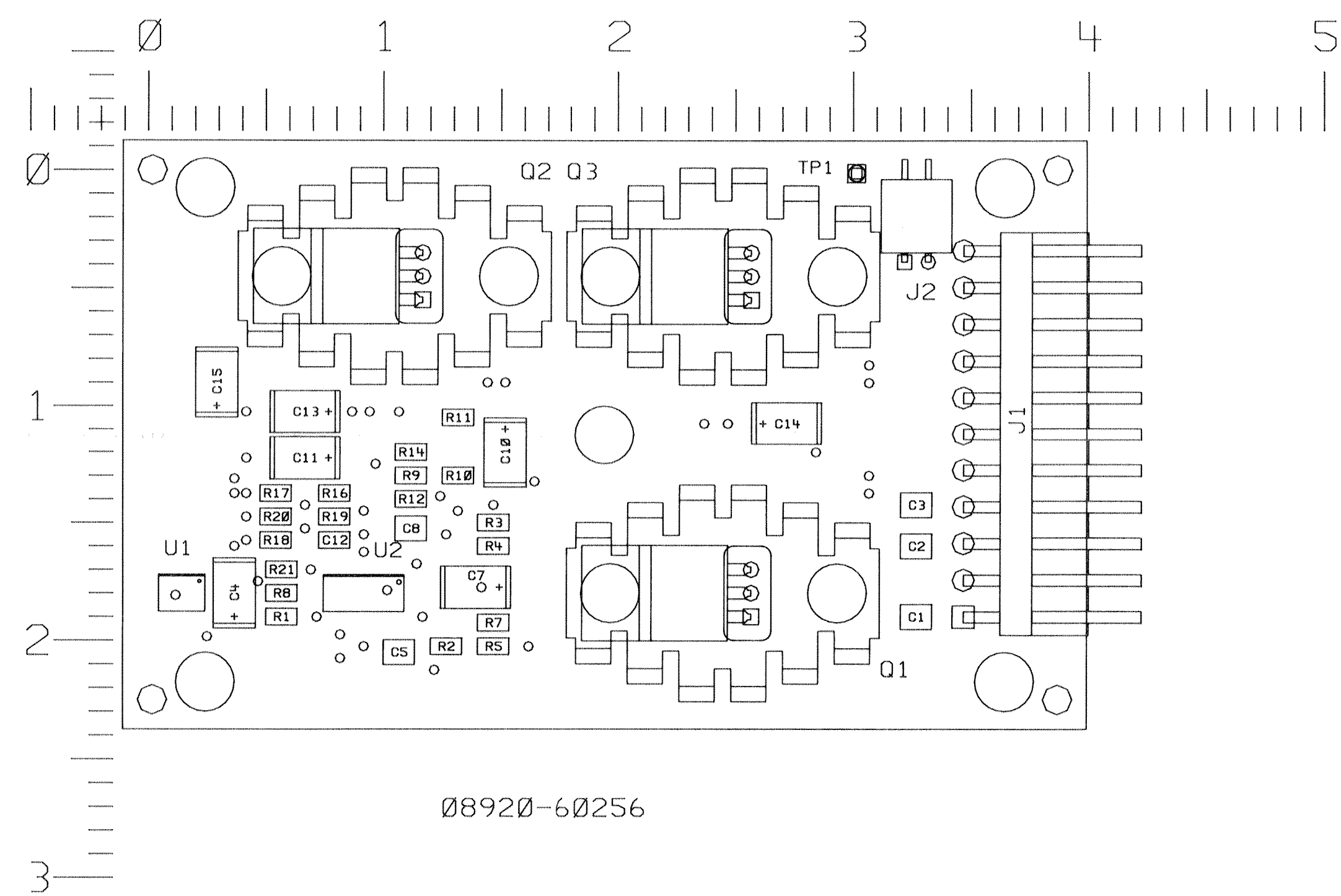
A10VR1, 1902-0958, 1, DIODE-ZENER .4W 10V +-5% +.075%TC, 04713, SZ30035-1

Add A10VR2:

A10VR2, 1902-0958, 1, DIODE-ZENER .4W 10V +-5% +.075%TC, 04713, SZ30035-1

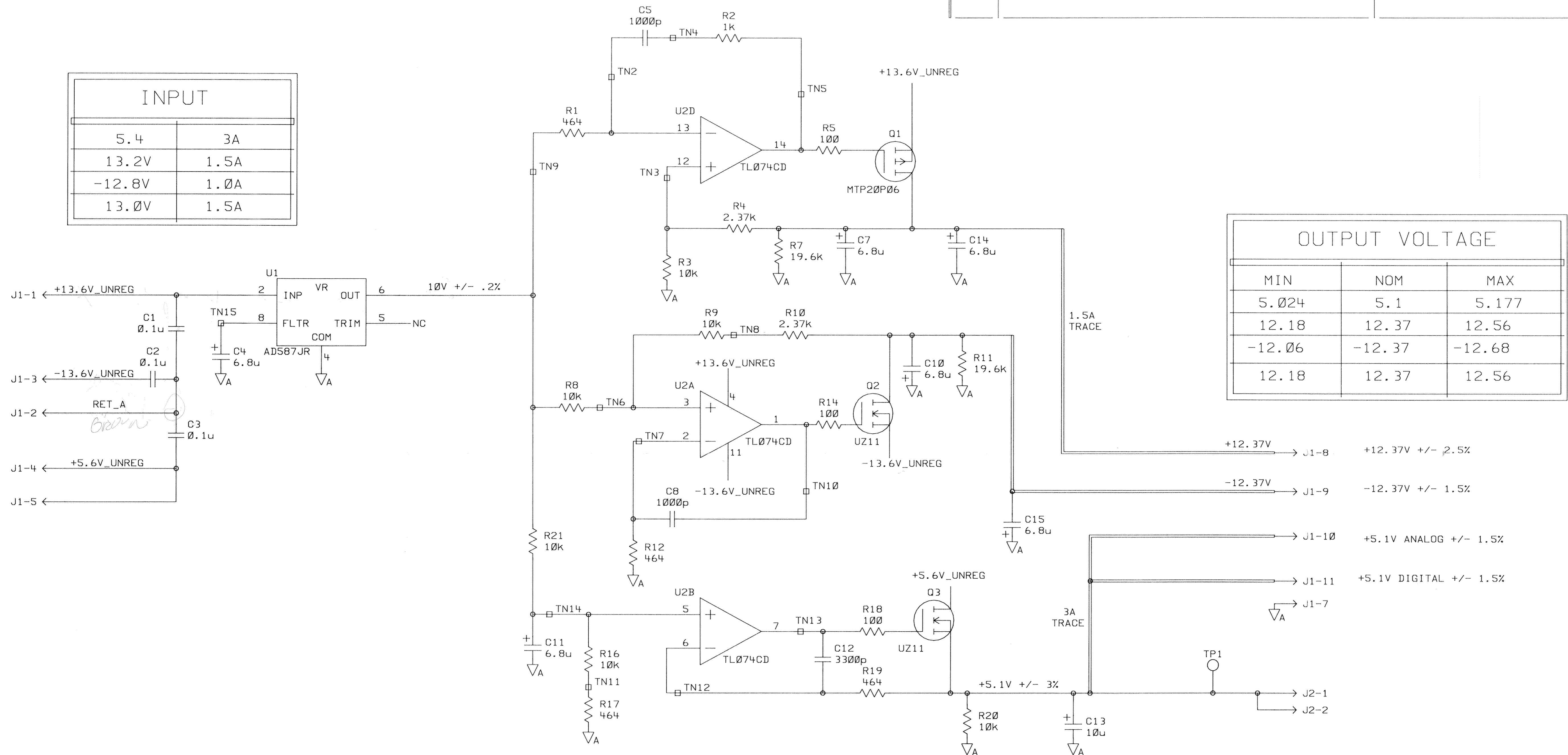
Add A10VR3:

A10VR3, 1902-0958, 1, DIODE-ZENER .4W 10V +-5% +.075%TC, 04713, SZ30035-1

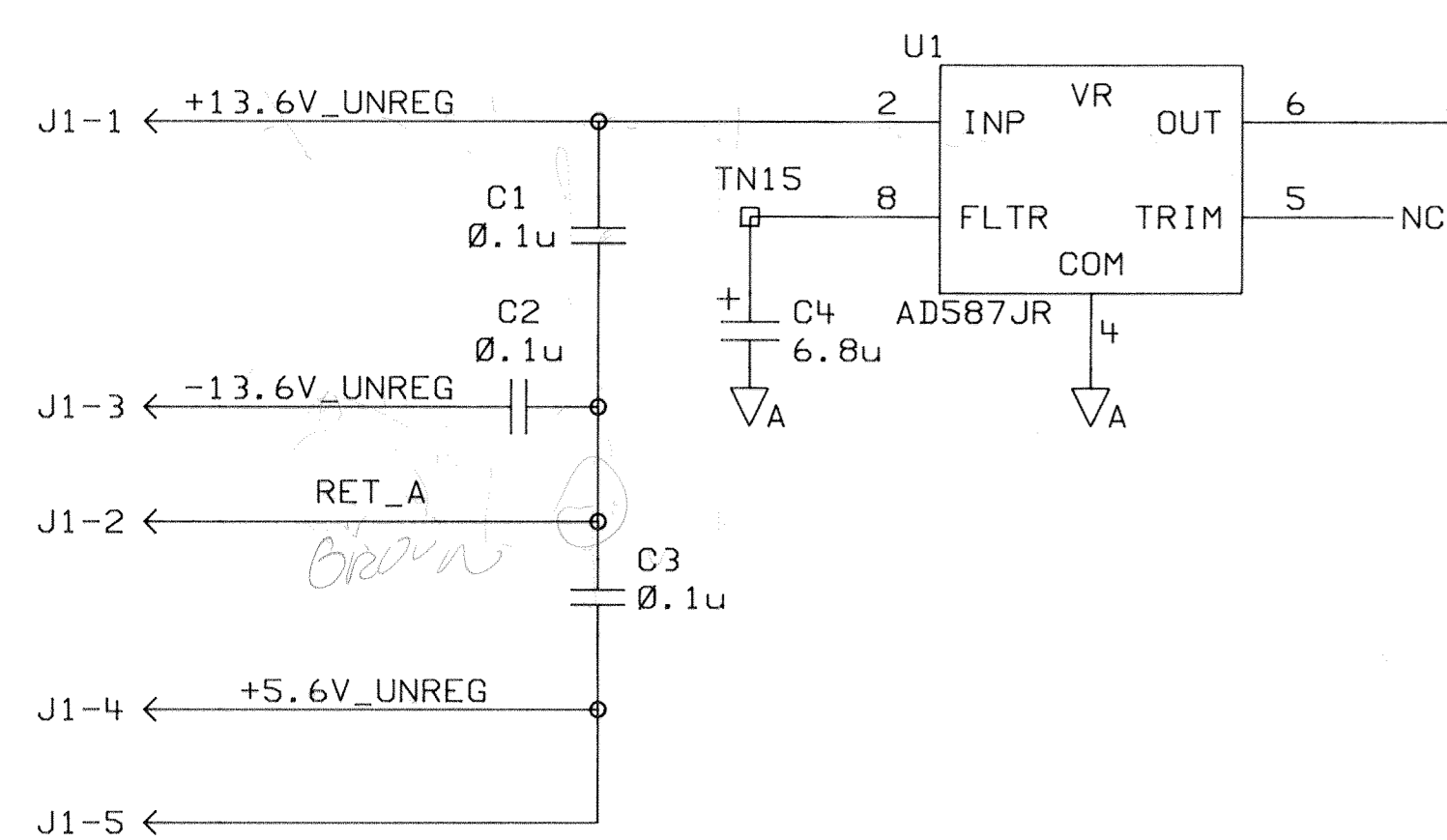


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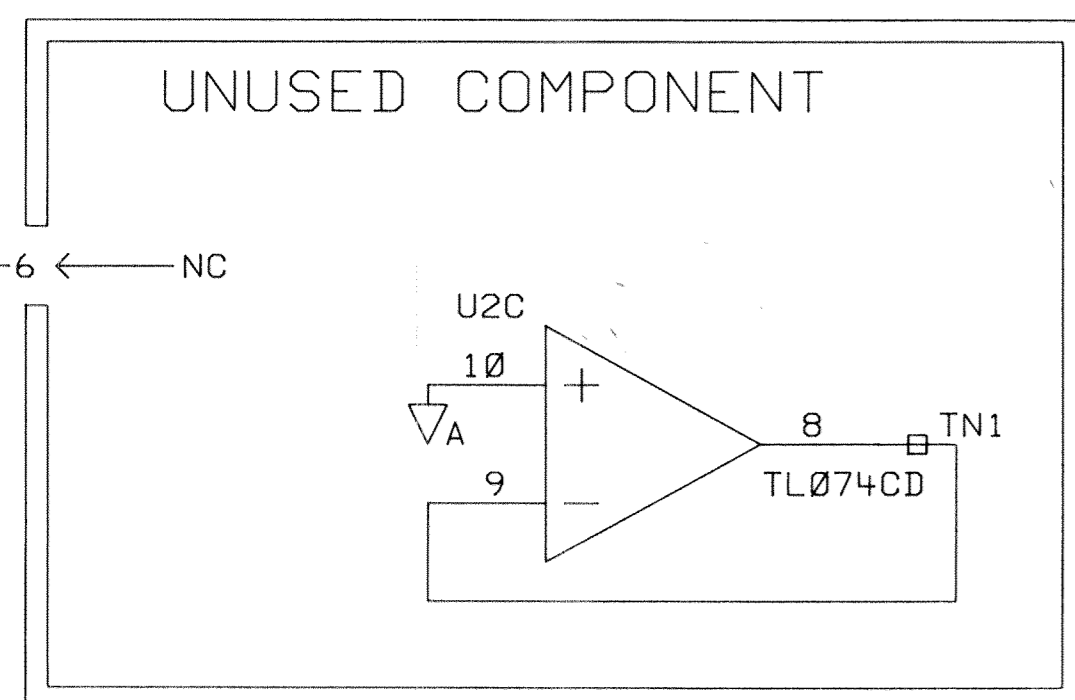
INPUT	
5.4	3A
13.2V	1.5A
-12.8V	1.0A
13.0V	1.5A



OUTPUT VOLTAGE		
MIN	NOM	MAX
5.024	5.1	5.177
12.18	12.37	12.56
-12.06	-12.37	-12.68
12.18	12.37	12.56



- J1-8 → +12.37V → +12.37V +/- 2.5%
- J1-9 → -12.37V → -12.37V +/- 1.5%
- J1-10 → +5.1V ANALOG +/- 1.5%
- J1-11 → +5.1V DIGITAL +/- 1.5%
- J1-7 → GND
- J2-1 → GND
- J2-2 → GND



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[REDACTED] DRAWN BY	15JAN92 DATE
[REDACTED] ENGINEER/CHECKER	15JAN92 DATE
[REDACTED] RELEASE TO PROD.	24MAR92 DATE
SUPERSEDES DWG.	

SCHEMATIC, PWA POWER SUPPLY REGULATOR
 TITLE **A10**

s1ba1256 FILENAME	[REDACTED]
NONE SCALE	[REDACTED]
1 OF 1 SHEET	08920-60256-2 PART NUMBER
B-08920-60256-1	

Component-Level Information Packet

A11

RECEIVER MIXER

08920-61832

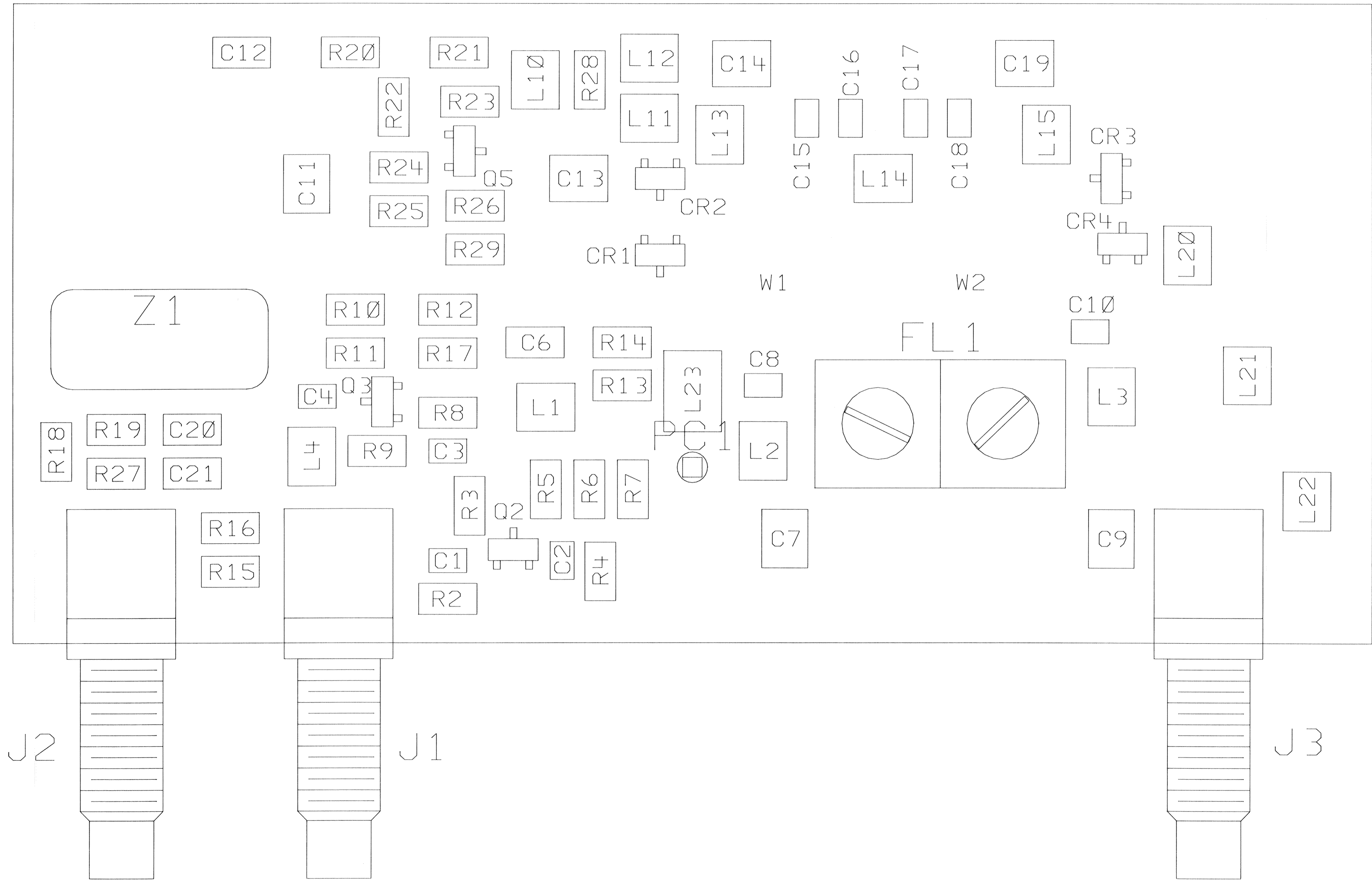
A11 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A11	08920-61832	1	RECEIVER MIXER (New)	28480	08920-61832
A11	08920-69032	1	RECEIVER MIXER (Exchange)	28480	08920-69032
A11	08920-60258-1	REF	RECEIVER MIXER SCHEMATIC DIAGRAM		
A11	08920-60258-2	REF	RECEIVER MIXER COMPONENT LOCATOR		
A11C1	0160-5952	1	CAP-FXD 330PF +-5% 50V CER COG	81349	CDR01BX331BJWM
A11C2	0160-5971	1	CAP-FXD 4.7PF +-10.64% 50V CER COG	51406	GRM40-001C0G4R7D050C
A11C3	0160-5952	1	CAP-FXD 330PF +-5% 50V CER COG	81349	CDR01BX331BJWM
A11C4	0160-5952	1	CAP-FXD 330PF +-5% 50V CER COG	81349	CDR01BX331BJWM
A11C6	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A11C7	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A11C8	0160-5952	1	CAP-FXD 330PF +-5% 50V CER COG	81349	CDR01BX331BJWM
A11C9	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A11C10	0160-5952	1	CAP-FXD 330PF +-5% 50V CER COG	81349	CDR01BX331BJWM
A11C11	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A11C12	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A11C13	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A11C14	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A11C15	0160-5961	1	CAP-FXD 22PF +-5% 50V CER COG	81349	CDR01BP220BJWM
A11C16	0160-5957	1	CAP-FXD 47PF +-5% 50V CER COG	81349	CDR01BP470BJWM
A11C17	0160-5961	1	CAP-FXD 22PF +-5% 50V CER COG	81349	CDR01BP220BJWM
A11C18	0160-5957	1	CAP-FXD 47PF +-5% 50V CER COG	81349	CDR01BP470BJWM
A11C19	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A11C20	0160-6103	1	CAP-FXD 1800PF +-5% 50V CER COG	51406	GRM42-6C0G182J050V
A11C21	0160-6103	1	CAP-FXD 1800PF +-5% 50V CER COG	51406	GRM42-6C0G182J050V
A11CR1	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A11CR2	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A11CR3	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A11CR4	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A11FL1	9135-0421	1	FILTER-BAND PASS 614.3MHZ	S4218	252 HA-1559F
A11J1	1250-1425	1	CONNECTOR RF SMC PLUG SGL-HOLE-RR 50-OHM	28480	1250-1425
A11J2	1250-1425	1	CONNECTOR RF SMC PLUG SGL-HOLE-RR 50-OHM	28480	1250-1425
A11J3	1250-1425	1	CONNECTOR RF SMC PLUG SGL-HOLE-RR 50-OHM	28480	1250-1425
A11L1	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L2	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L3	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L4	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L10	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L11	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L12	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A11L13	9140-1200	1	INDUCTOR 33NH +-5% Q=25 SRF=1.4GHZ	24226	SM3-033J
A11L14	9140-1206	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	24226	SM3-100J
A11L15	9140-1200	1	INDUCTOR 33NH +-5% Q=25 SRF=1.4GHZ	24226	SM3-033J
A11L20	9140-1563	1	INDUCTOR 33NH +-5% Q=40 SRF=1.5GHZ	24226	SM3-033J
A11L21	9140-1566	1	INDUCTOR 56NH +-5% Q=40 SRF=1GHZ	24226	SM3-056J
A11L22	9140-1563	1	INDUCTOR 33NH +-5% Q=40 SRF=1.5GHZ	24226	SM3-033J
A11L23	9140-1109	1	INDUCTOR 4.7UH +-5% Q=50 SRF=35MHZ	7J069	NL453232T-4R7J-3
A11Q2	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93
A11Q3	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93
A11Q5	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93

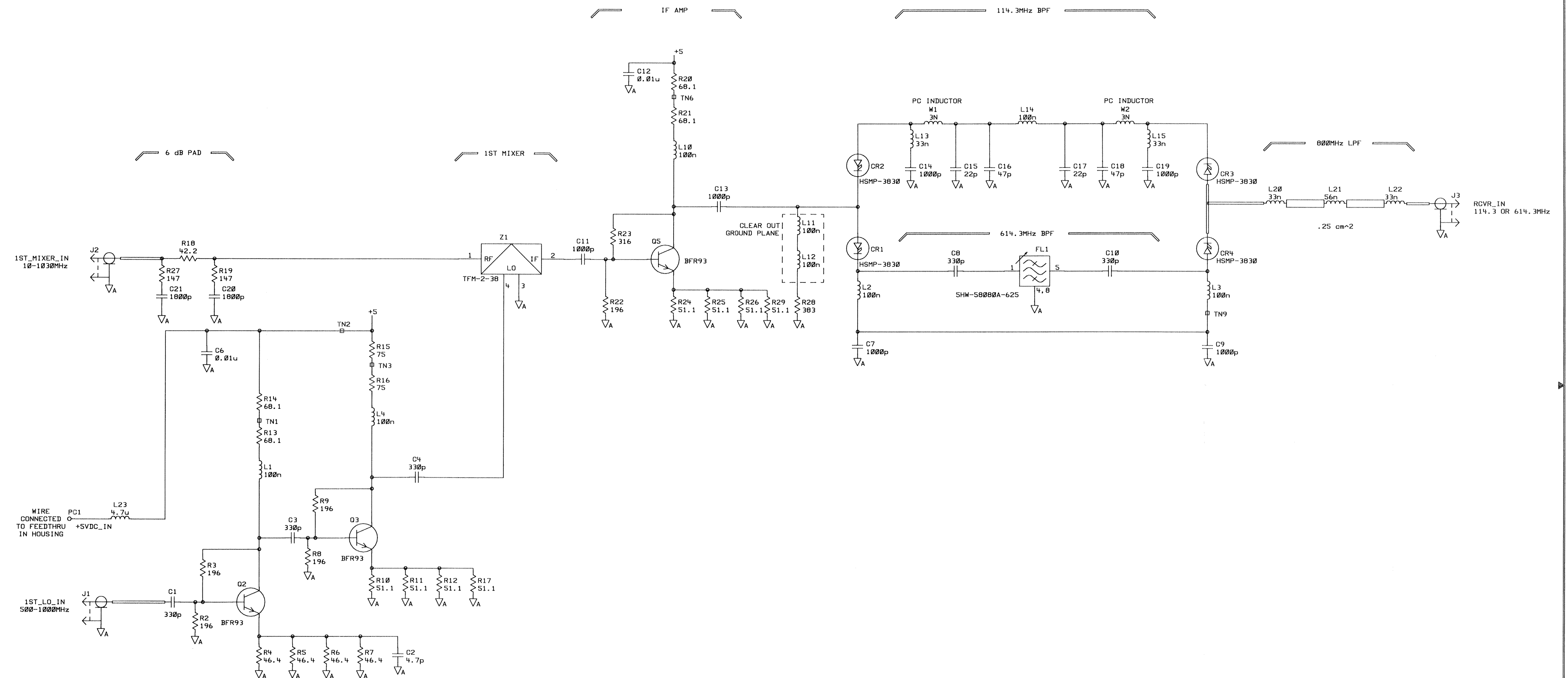
All Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A11 (Cont'd)	08920-61832	REF	RECEIVER MIXER	28480	08920-61832
A11R2	0699-1422	1	RESISTOR 196K +1% .125W TF TC=0+-100	81349	M55342K07R196DR
A11R3	0699-1422	1	RESISTOR 196K +1% .125W TF TC=0+-100	81349	M55342K07R196DR
A11R4	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A11R5	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A11R6	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A11R7	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A11R8	0699-1422	1	RESISTOR 196K +1% .125W TF TC=0+-100	81349	M55342K07R196DR
A11R9	0699-1422	1	RESISTOR 196K +1% .125W TF TC=0+-100	81349	M55342K07R196DR
A11R10	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R11	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R12	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R13	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A11R14	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A11R15	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A11R16	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A11R17	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R18	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A11R19	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A11R20	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A11R21	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A11R22	0699-1422	1	RESISTOR 196K +1% .125W TF TC=0+-100	81349	M55342K07R196DR
A11R23	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A11R24	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R25	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R26	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11R27	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A11R28	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A11R29	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A11W1	08920-61041	1	LEAD, ELECTRICAL	28480	08920-61041
A11W2	08920-61064	1	LEAD, ELECTRICAL	28480	08920-61064
A11Z1	0955-0113	1	MIXER-MICROWAVE 1MHZ TO 1GHZ	15542	TFM-2-38
A11	0515-0372	3	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-0372
A11	08920-00045	1	COVER, EMI SHIELDING	28480	08920-00045
A11	08920-61023	1	BASE, MIXER	28480	08920-61023
A11	8160-0691	1	CONTACT STRIP, RF GROUNDING	89295	500P110
A11	8160-0696	2	CONTACT STRIP, RF GROUNDING	89295	187RGC030-76MM LG
A11	8160-0697	2	CONTACT STRIP, RF GROUNDING	89295	187RGC030-38MM LG
A11	9135-0002	1	FILTER-LOW PASS 50DB 10A	33095	51-744-018

08920 - 60258



SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS PER PCO 6998	[REDACTED]	05FEB92



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RELEASE TO PROD.	DATE
[REDACTED]	
SUPERSEDES DWG.	

SCHEMATIC, PWA
 8920/8922
 FIRST MIXER
 ASSEMBLY **A11**
 TITLE

s1ba1258	FILENAME
NONE	SCALE
1 OF 1	SHEET
08920-60258	PART NUMBER
C-08920-60258-1	

Component-Level Information Packet

A13

RF OUTPUT

08920-61831

8920A COMPONENT LEVEL INFORMATION ERRATA

A13 RF Output

Change title page part number to:
08920-61831

Change A13 to:

A13, 08920-61831, 1, RF OUTPUT (New), 28480, 08920-61831
A13, 08920-69031, 1, RF OUTPUT (Exchange), 28480, 08920-69031
A13, 08920-60322-1, REF, RF OUTPUT SCHEMATIC DIAGRAM
A13, 08920-60322-2, REF, RF OUTPUT COMPONENT LOCATOR

Add A13C100:

A13C100, 0160-5959, 1, CAP-FXD CER 33PF +-5% 50V COG, 81349, CDR01BP330BJWM

Change A13R115 to:

A13R115, 0699-1365, 1, RES-FXD TF 75OHM +-1% .125W 0+-100TC, 81349, M55342K07B75D0R

Change A13R116 to:

A13R116, 0699-1415, 1, RES-FXD TF 100OHM +-1% .125W 0+-100TC, 81349, M55342K07B100DR

Delete A13R219.

Change A13R220 to:

A13R220, 0699-1503, 1, RES-FXD TF 0OHM, 91637, CRCW1206-0000F

Delete A13R221.

Change A13R301 to:

A13R301, 0699-1419, 1, RES-FXD TF 147OHM +-1% .125W 0+-100TC, 81349, M55342K07B147DR

Change A13R302 to:

A13R302, 0699-1358, 1, RES-FXD TF 38.3OHM +-1% .125W 0+-100TC, 81349, M55342K07B38D3R

Change A13R303 to:

A13R303, 0699-1419, 1, RES-FXD TF 147OHM +-1% .125W 0+-100TC, 81349, M55342K07B147DR

Change A13R425 to:

A13R425, 0699-1362, 1, RES-FXD TF 56.2OHM +-1% .125W 0+-100TC, 81349, M55342K07B56D2R

Change A13R426 to:

A13R426, 0699-1362, 1, RES-FXD TF 56.2OHM +-1% .125W 0+-100TC, 81349, M55342K07B56D2R

Change A13R427 to:

A13R427, 0699-1358, 1, RES-FXD TF 38.3OHM +-1% .125W 0+-100TC, 81349, M55342K07B38D3R

Change A13R428 to:

A13R428, 0699-1358, 1, RES-FXD TF 38.3OHM +-1% .125W 0+-100TC, 81349, M55342K07B38D3R

Change A13R437 to:

A13R437, 0699-1358, 1, RES-FXD TF 38.3OHM +-1% .125W 0+-100TC, 81349, M55342K07B38D3R

Add A13R812:

A13R812, 0699-1330, 1, RES-FXD TF 100K +-1% .125W 0+-100TC, 81349, M55342K07B100ER

Add A13R813:

A13R813, 0699-1432, 1, RES-FXD TF 511OHM +-1% .125W 0+-100TC, 81349, M55342K07B511DR

8920A COMPONENT LEVEL INFORMATION ERRATA

A13 RF Output

Add A13U803:

A13U803, 1818-5236, 1, IC-EEPROM CMOS 256X16 3-S 500NS, 27014, NM93C66M8

Delete 0515-1753 from A13.

Add 0515-0655 to A13:

A13, 0515-0655, 10, SCR-MACH PH M3X.5 8MM-LG T10 SST, 28480, 0515-0655

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.

A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13	08920-61831	1	RF OUTPUT (New)	28480	08920-61831
A13	08920-69031	1	RF OUTPUT (Exchange)	28480	08920-69031
A13	08920-60122-1	REF	RF OUTPUT SCHEMATIC DIAGRAM		
A13	08920-60122-2	REF	RF OUTPUT COMPONENT LOCATOR		
A13C101	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C102	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C103	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C104	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C106	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C107	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C110	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A13C111	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A13C112	0160-5966	1	CAP-FXD 120PF +5% 50V CER COG	81349	CDR01BP121BJWM
A13C113	0160-5966	1	CAP-FXD 120PF +5% 50V CER COG	81349	CDR01BP121BJWM
A13C114	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C115	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C116	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C117	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C118	0160-5975	1	CAP-FXD 10PF +5% 50V CER COG	81349	CDR01BP100BJWM
A13C119	0160-5966	1	CAP-FXD 120PF +5% 50V CER COG	81349	CDR01BP121BJWM
A13C123	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C124	0160-5966	1	CAP-FXD 120PF +5% 50V CER COG	81349	CDR01BP121BJWM
A13C128	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C201	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C203	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C204	0160-5942	1	CAP-FXD 1PF +25% 50V CER COG	54583	C2012C0G1H1R0C
A13C205	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A13C206	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C207	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C208	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A13C209	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C210	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A13C212	0160-5976	1	CAP-FXD 12PF +5% 50V CER COG	81349	CDR01BP120BJWM
A13C215	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C217	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C218	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C219	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C220	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C221	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C222	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C301	0160-5980	1	CAP-FXD 1.8PF +27.78% 50V CER COG	51406	GRM40-001C0G1R8D050C
A13C302	0160-5973	1	CAP-FXD 6.8PF +7.35% 50V CER COG	51406	GRM40-001C0G6R8D050C
A13C303	0160-5980	1	CAP-FXD 1.8PF +27.78% 50V CER COG	51406	GRM40-001C0G1R8D050C
A13C305	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A13C307	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C308	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A13C310	0160-5970	1	CAP-FXD 3.9PF +-6.41% 50V CER COG	51406	GRM40-001C0G3R9C050C
A13C311	0160-5976	1	CAP-FXD 12PF +5% 50V CER COG	81349	CDR01BP120BJWM
A13C312	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM

A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13C313	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C314	0160-5977	1	CAP-FXD 1.2PF +21% 50V CER COG	51406	GRM40-001C0G1R2C050C
A13C315	0160-5973	1	CAP-FXD 6.8PF +7.35% 50V CER COG	51406	GRM40-001C0G6R8D050C
A13C316	0160-5977	1	CAP-FXD 1.2PF +21% 50V CER COG	51406	GRM40-001C0G1R2C050C
A13C317	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C318	0160-5942	1	CAP-FXD 1PF +25% 50V CER COG	54583	C2012C0G1H1R0C
A13C401	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C402	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A13C403	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C404	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A13C405	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C406	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C409	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C410	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C411	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C412	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C413	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C414	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C416	0160-5974	1	CAP-FXD 8.2PF +6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A13C417	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C418	0160-5968	1	CAP-FXD 82PF +5% 50V CER COG	81349	CDR01BP820BJWM
A13C419	0160-6096	1	CAP-FXD 470PF +5% 50V CER COG	81349	CDR32BP471BJWM
A13C420	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C501	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C502	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C503	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C505	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A13C506	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A13C507	0160-6729	1	CAP-FXD 3300PF +10% 50V CER X7R	7J069	C3216X7R1H332K
A13C508	0160-6098	1	CAP-FXD 680PF +5% 50V CER COG	81349	CDR32BP681BJWM
A13C509	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C510	0160-5975	1	CAP-FXD 10PF +5% 50V CER COG	81349	CDR01BP100BJWM
A13C601	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C602	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C603	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C604	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C605	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C606	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C607	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A13C608	0160-6096	1	CAP-FXD 470PF +5% 50V CER COG	81349	CDR32BP471BJWM
A13C701	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C702	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C703	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C704	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C706	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A13C707	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A13C709	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C710	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A13C714	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A13C715	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM

A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13C716	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C717	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C718	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C719	0160-6729	1	CAP-FXD 3300PF +10% 50V CER X7R	7J069	C3216X7R1H332K
A13C720	0160-6729	1	CAP-FXD 3300PF +10% 50V CER X7R	7J069	C3216X7R1H332K
A13C721	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C801	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A13C802	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A13C803	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C804	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C805	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13C806	0160-6216	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR33BP102BJWM
A13CR101	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR102	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR103	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR104	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR105	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR109	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR110	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR111	1900-0253	1	DIODE-PIN	28480	1900-0253
A13CR114	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR201	0122-0175	1	DIODE-VVC 1.8PF +10%	H0002	BBY31
A13CR202	0122-0175	1	DIODE-VVC 1.8PF +10%	H0002	BBY31
A13CR203	0122-0175	1	DIODE-VVC 1.8PF +10%	H0002	BBY31
A13CR204	0122-0175	1	DIODE-VVC 1.8PF +10%	H0002	BBY31
A13CR205	0122-0172	1	DIODE-VVC 29PF +10% PD=350MW TA=25C	04713	MMBV109
A13CR206	0122-0172	1	DIODE-VVC 29PF +10% PD=350MW TA=25C	04713	MMBV109
A13CR207	0122-0172	1	DIODE-VVC 29PF +10% PD=350MW TA=25C	04713	MMBV109
A13CR208	0122-0172	1	DIODE-VVC 29PF +10% PD=350MW TA=25C	04713	MMBV109
A13CR209	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A13CR210	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A13CR211	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A13CR301	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR401	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR402	1900-0237	1	DIODE-SCHOTTKY SM SIG	28480	1900-0237
A13CR403	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR501	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR502	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR503	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A13CR504	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR601	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR602	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR801	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR802	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13CR803	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A13L101	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A13L102	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A13L103	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A13L104	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A13L105	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K

A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13L106	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A13L201	9140-1559	1	INDUCTOR 15NH +10% Q=40 SRF=2.5GHZ	24226	SM3-015K
A13L202	9140-1559	1	INDUCTOR 15NH +10% Q=40 SRF=2.5GHZ	24226	SM3-015K
A13L206	9140-1564	1	INDUCTOR 39NH +5% Q=40 SRF=1.5GHZ	24226	SM3-039J
A13L207	9140-1564	1	INDUCTOR 39NH +5% Q=40 SRF=1.5GHZ	24226	SM3-039J
A13L211	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A13L301	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A13L302	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A13L303	9140-1564	1	INDUCTOR 39NH +5% Q=40 SRF=1.5GHZ	24226	SM3-039J
A13L304	9140-1564	1	INDUCTOR 39NH +5% Q=40 SRF=1.5GHZ	24226	SM3-039J
A13L305	9140-1559	1	INDUCTOR 15NH +10% Q=40 SRF=2.5GHZ	24226	SM3-015K
A13L306	9140-1559	1	INDUCTOR 15NH +10% Q=40 SRF=2.5GHZ	24226	SM3-015K
A13L307	9140-1559	1	INDUCTOR 15NH +10% Q=40 SRF=2.5GHZ	24226	SM3-015K
A13L308	9140-1559	1	INDUCTOR 15NH +10% Q=40 SRF=2.5GHZ	24226	SM3-015K
A13L401	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A13L403	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A13L404	9140-1115	1	INDUCTOR 22UH +5% Q=50 SRF=13MHZ	7J069	NL453232-220J-3
A13L405	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A13L406	9140-1115	1	INDUCTOR 22UH +5% Q=50 SRF=13MHZ	7J069	NL453232-220J-3
A13L407	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A13L701	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A13L702	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A13L703	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A13P1	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A13P2	1252-3780	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	747844-2
A13P3	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A13Q101	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q102	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q104	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q202	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q301	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q302	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q303	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q401	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	04713	MRF581
A13Q402	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	04713	MRF581
A13Q403	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q404	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q501	1854-1014	1	TRANSISTOR NPN SI PD=350MW FT=100MHZ	04713	MMBT6429
A13Q502	1853-0568	1	TRANSISTOR PNP SI PD=350MW TO-236AA-PKG	04713	MMBT5087
A13Q503	1855-0680	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AA	27014	MMBF4391
A13Q504	1855-0680	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AA	27014	MMBF4391
A13Q505	1855-0680	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AA	27014	MMBF4391
A13Q506	1855-0680	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AA	27014	MMBF4391
A13Q507	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q509	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A13Q510	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A13Q511	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A13Q512	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A13Q513	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q701	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A

A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13Q702	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q703	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A13Q704	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A13Q705	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A13Q801	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A13Q802	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A13Q803	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A13Q804	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A13R101	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R102	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R103	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R104	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A13R105	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A13R106	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A13R107	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A13R110	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R111	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R112	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A13R114	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A13R115	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A13R116	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A13R117	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A13R118	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A13R119	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A13R120	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A13R121	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A13R122	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A13R123	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A13R127	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R128	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R129	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R130	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A13R131	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A13R201	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R202	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R204	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A13R205	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A13R206	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A13R212	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R213	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R215	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A13R217	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A13R218	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R219	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R220	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R221	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R222	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A13R223	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A13R224	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A13R225	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R

A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13R226	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A13R301	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R302	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R303	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R304	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R305	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R306	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A13R307	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A13R308	0699-1366	1	RESISTOR 82.5 +-1% .125W TF TC=0+-100	81349	M55342K07R82D5R
A13R309	0699-1366	1	RESISTOR 82.5 +-1% .125W TF TC=0+-100	81349	M55342K07R82D5R
A13R310	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A13R311	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A13R312	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A13R313	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A13R318	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R319	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A13R320	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R401	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R402	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R404	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R405	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A13R406	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A13R407	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R408	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R409	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R410	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R411	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R412	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R413	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R414	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R415	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A13R416	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A13R417	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A13R418	0699-1354	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	81349	M55342K07R26D1R
A13R419	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A13R420	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A13R421	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R422	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R423	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R424	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R425	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R426	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R427	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R428	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13R429	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A13R430	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A13R431	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A13R432	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R433	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A13R434	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R

A13 Replaceable Parts

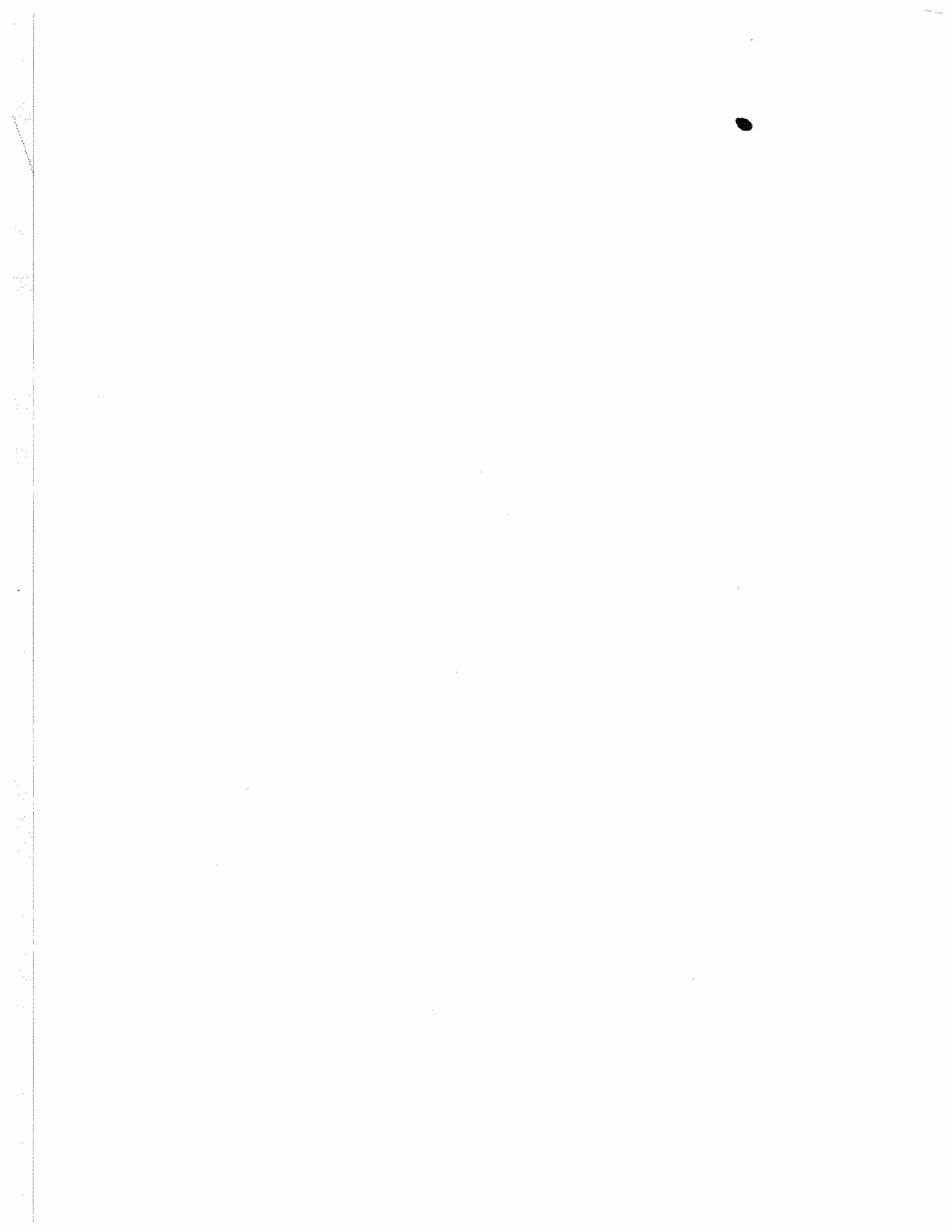
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13R435	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A13R436	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R437	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A13R438	0699-1366	1	RESISTOR 82.5 +-1% .125W TF TC=0+-100	81349	M55342K07R82D5R
A13R439	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R440	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A13R441	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A13R442	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R443	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R444	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A13R445	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R446	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A13R447	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A13R448	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R449	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A13R450	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A13R451	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A13R452	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A13R501	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A13R502	0699-1319	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	81349	M55342K07R12E1R
A13R503	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A13R504	0699-1322	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	81349	M55342K07R68E1R
A13R505	0699-1322	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	81349	M55342K07R68E1R
A13R506	0699-1322	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	81349	M55342K07R68E1R
A13R507	0699-1443	1	RESISTOR 147K +-1% .125W TF TC=0+-100	81349	M55342K07R147ER
A13R508	0699-1443	1	RESISTOR 147K +-1% .125W TF TC=0+-100	81349	M55342K07R147ER
A13R509	0699-1443	1	RESISTOR 147K +-1% .125W TF TC=0+-100	81349	M55342K07R147ER
A13R510	0699-1443	1	RESISTOR 147K +-1% .125W TF TC=0+-100	81349	M55342K07R147ER
A13R511	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A13R512	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A13R513	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A13R514	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R515	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A13R516	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A13R517	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A13R518	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R519	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A13R520	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A13R521	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A13R522	0699-1436	1	RESISTOR 750 +-1% .125W TF TC=0+-100	81349	M55342K07R750DR
A13R523	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A13R524	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R525	0699-1436	1	RESISTOR 750 +-1% .125W TF TC=0+-100	81349	M55342K07R750DR
A13R526	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A13R527	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R528	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R529	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A13R530	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A13R531	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A13R532	0699-1436	1	RESISTOR 750 +-1% .125W TF TC=0+-100	81349	M55342K07R750DR

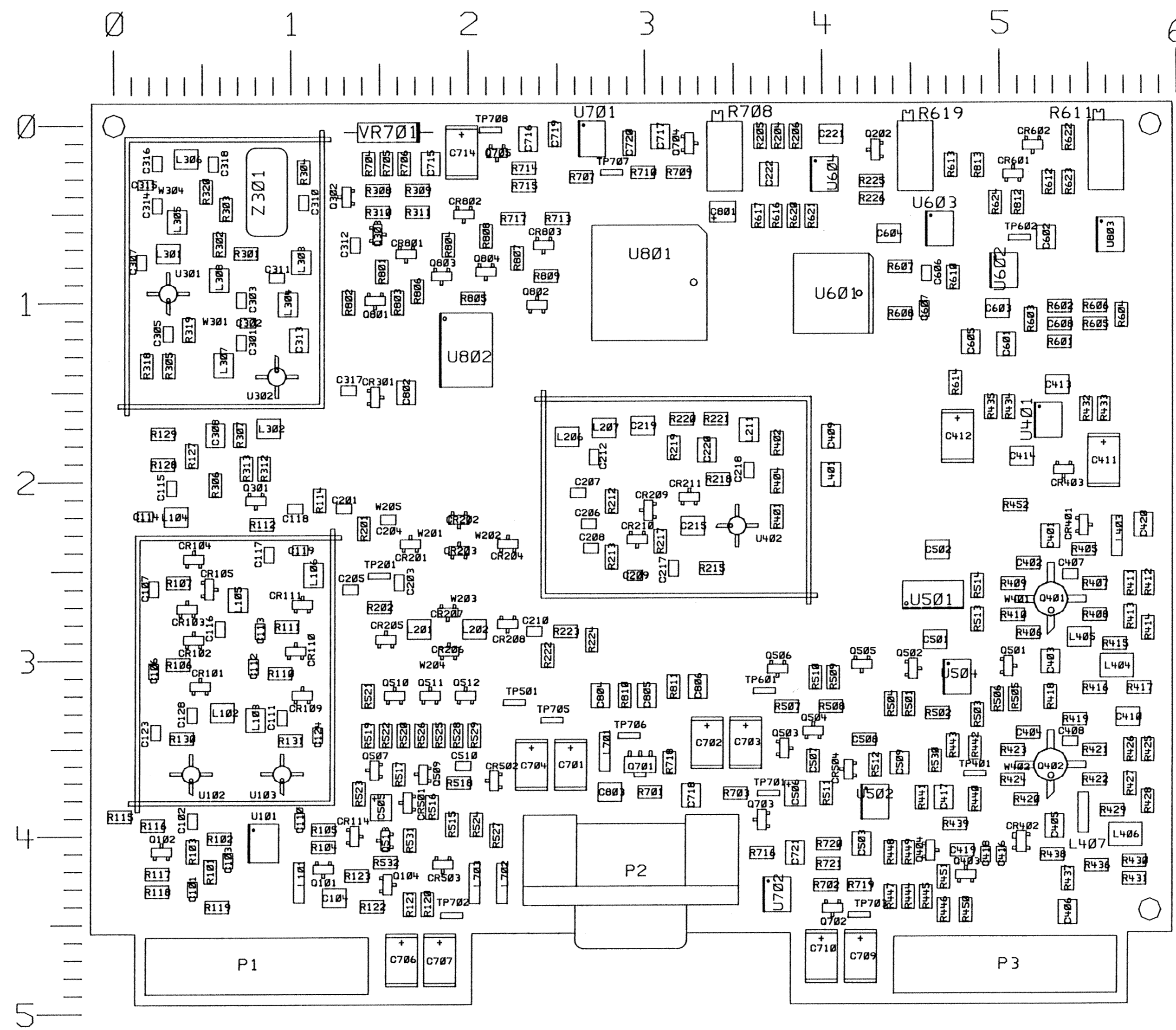
A13 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13R601	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R602	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R603	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R604	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R605	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R606	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R607	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A13R608	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A13R610	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A13R611	2100-3611	1	RESISTOR-TRMR 50K 10% TF SIDE-ADJ 17-TRN	32997	3296X-DM3-503
A13R612	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A13R613	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A13R614	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A13R616	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R617	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R619	2100-3750	1	RESISTOR-TRMR 20K 10% TF SIDE-ADJ 17-TRN	73138	67XR20K
A13R620	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R621	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R622	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A13R623	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A13R624	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R701	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A13R702	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A13R703	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A13R704	0699-1436	1	RESISTOR 750 +-1% .125W TF TC=0+-100	81349	M55342K07R750DR
A13R705	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R706	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R707	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R708	2100-3750	1	RESISTOR-TRMR 20K 10% TF SIDE-ADJ 17-TRN	73138	67XR20K
A13R709	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A13R710	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A13R713	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R714	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R715	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R716	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A13R717	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A13R718	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R719	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A13R720	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A13R721	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A13R801	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A13R802	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A13R803	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A13R804	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A13R805	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A13R806	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A13R807	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A13R808	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A13R809	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A13R810	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R

A13 Replaceable Parts

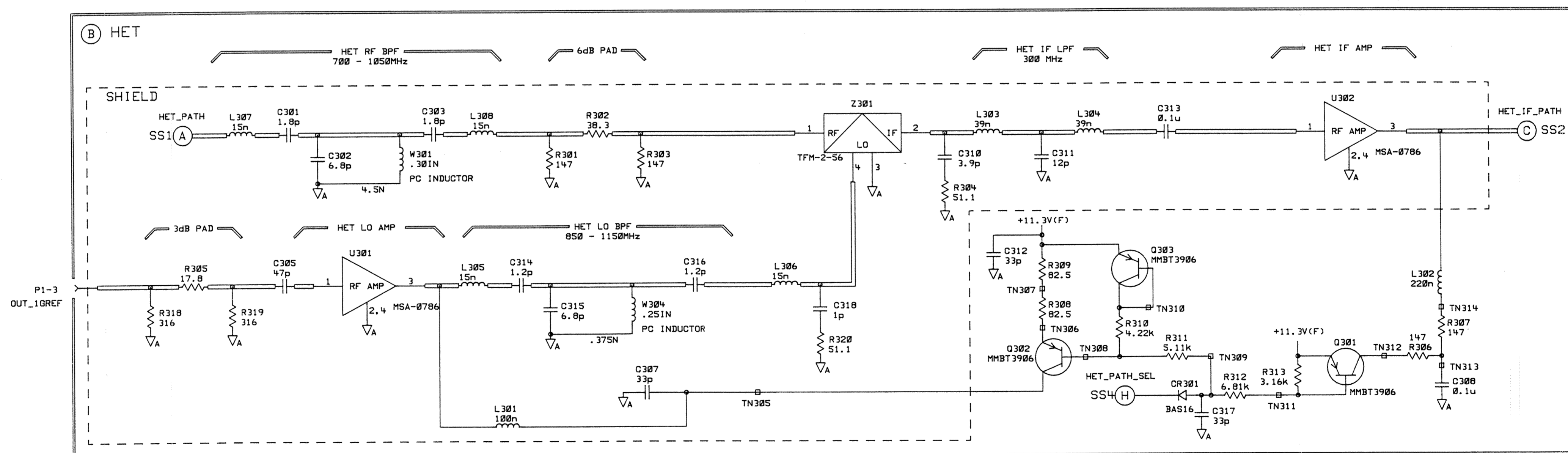
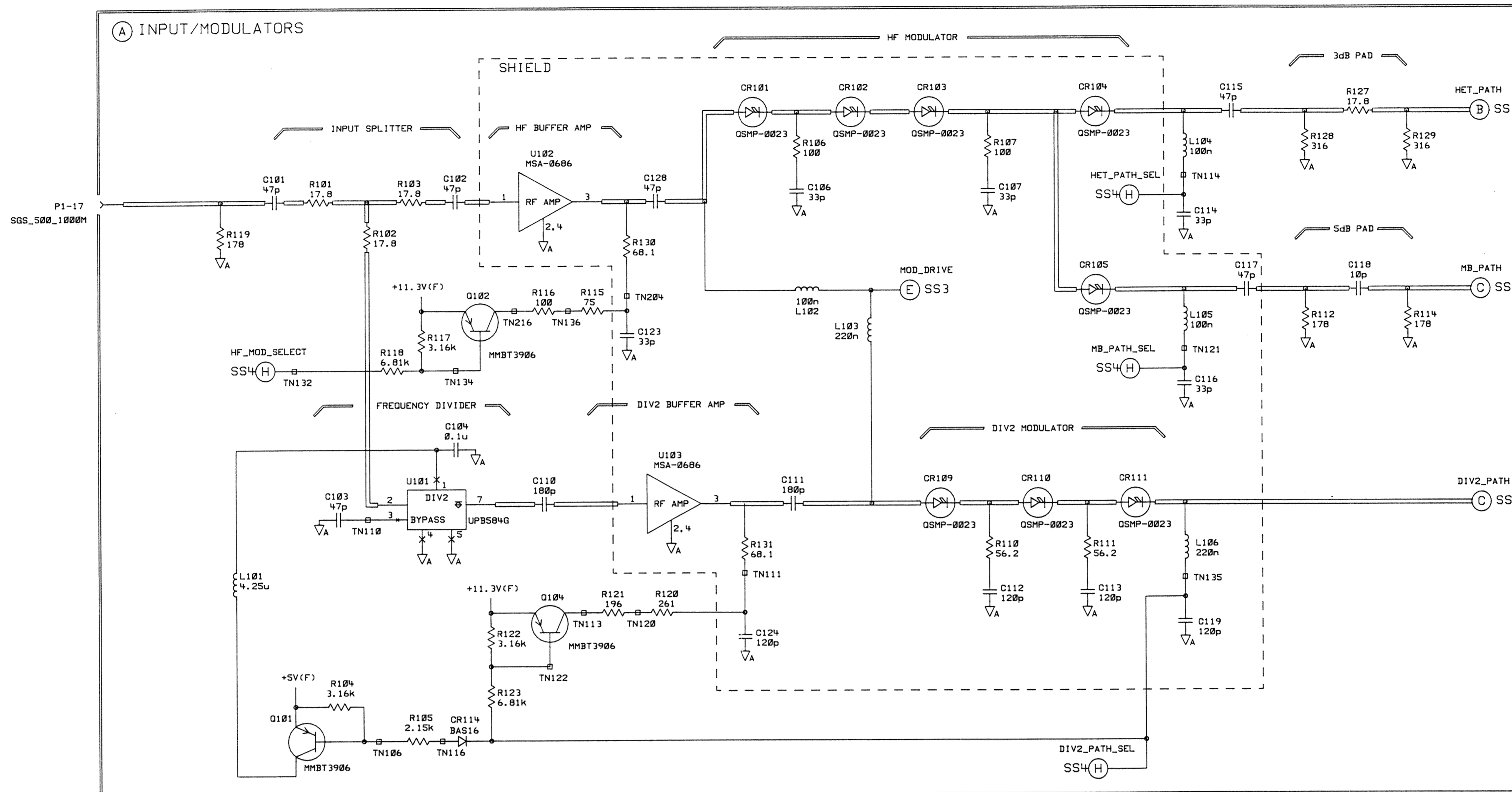
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A13 (Cont'd)	08920-61831	REF	RF OUTPUT	28480	08920-61831
A13R811	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A13TP201	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP401	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP501	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP601	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP602	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP701	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP702	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP703	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP705	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP706	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP707	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13TP708	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A13U101	1820-6958	1	IC PRESR ECL	33297	UPB584G
A13U102	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A13U103	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A13U301	1826-2539	1	IC LINEAR	28480	1826-2539
A13U302	1826-2539	1	IC LINEAR	28480	1826-2539
A13U401	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U402	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0386
A13U501	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A13U502	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U504	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U601	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	24355	AD7547JP
A13U602	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U603	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U604	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U701	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A13U702	1826-1601	1	IC V RGLTR-V-REF ADJ 2.5/36V 8-P-SOIC	01295	TL431CD
A13U801	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A13U802	1820-6529	1	IC ANLG-MUXR/DEMUXR CMOS/HC 8-CHANNEL	27014	MM74HC4051WM
A13VR701	1902-0680	1	DIODE-ZNR 6.2V 5% PD=.4W TC=+.001% DO-7	81349	JAN1N827
A13Z301	0955-0627	1	MIXER-MICROWAVE 1GHZ	15542	TFM-2-56
A13	0515-1753	10	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-1753
A13	08920-00030	6	SHIELD, ELECTRICAL	28480	08920-00030
A13	08920-00033	1	COVER, EMI SHIELDING	28480	08920-00033
A13	08920-00055	2	COVER, EMI SHIELDING	28480	08920-00055
A13	08920-40009	2	EXTRACTOR, ELECTRICAL CARD	28480	08920-40009
A13	08920-40016	2	RETAINER, EXTRACTOR	28480	08920-40016
A13	5061-4836	1	HOUSING, CCA	28480	5061-4836





08920-60222

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS POCO 10-7261		07/28/92
B	PER PCO 10-7346 CHG HET PADS		09/30/92
C	KLUDGE C100 PER PCO 10-7683		4/23/93



NO LOAD PARTS

REF DES	SHT#	BLOCK
R219	2	C
R221	2	C
C407	2	D
C408	2	D

SS1 A13

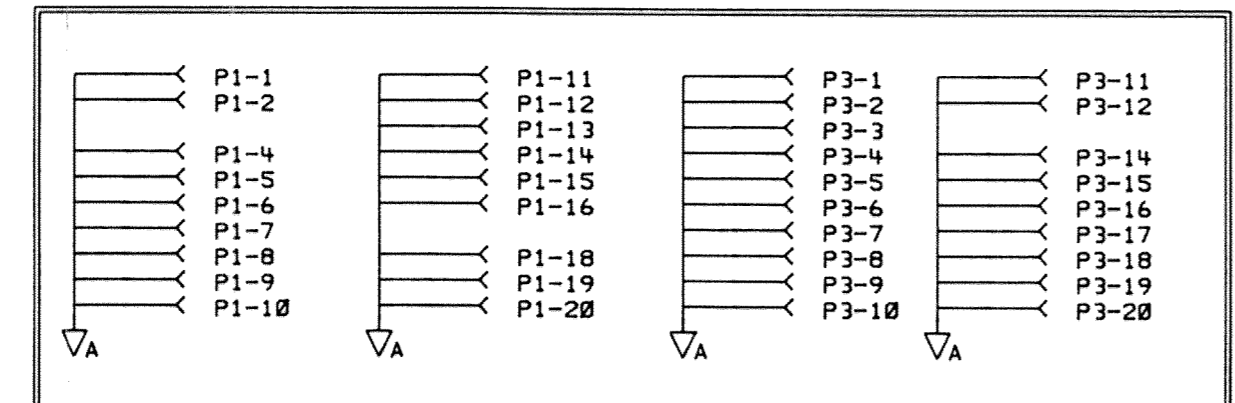
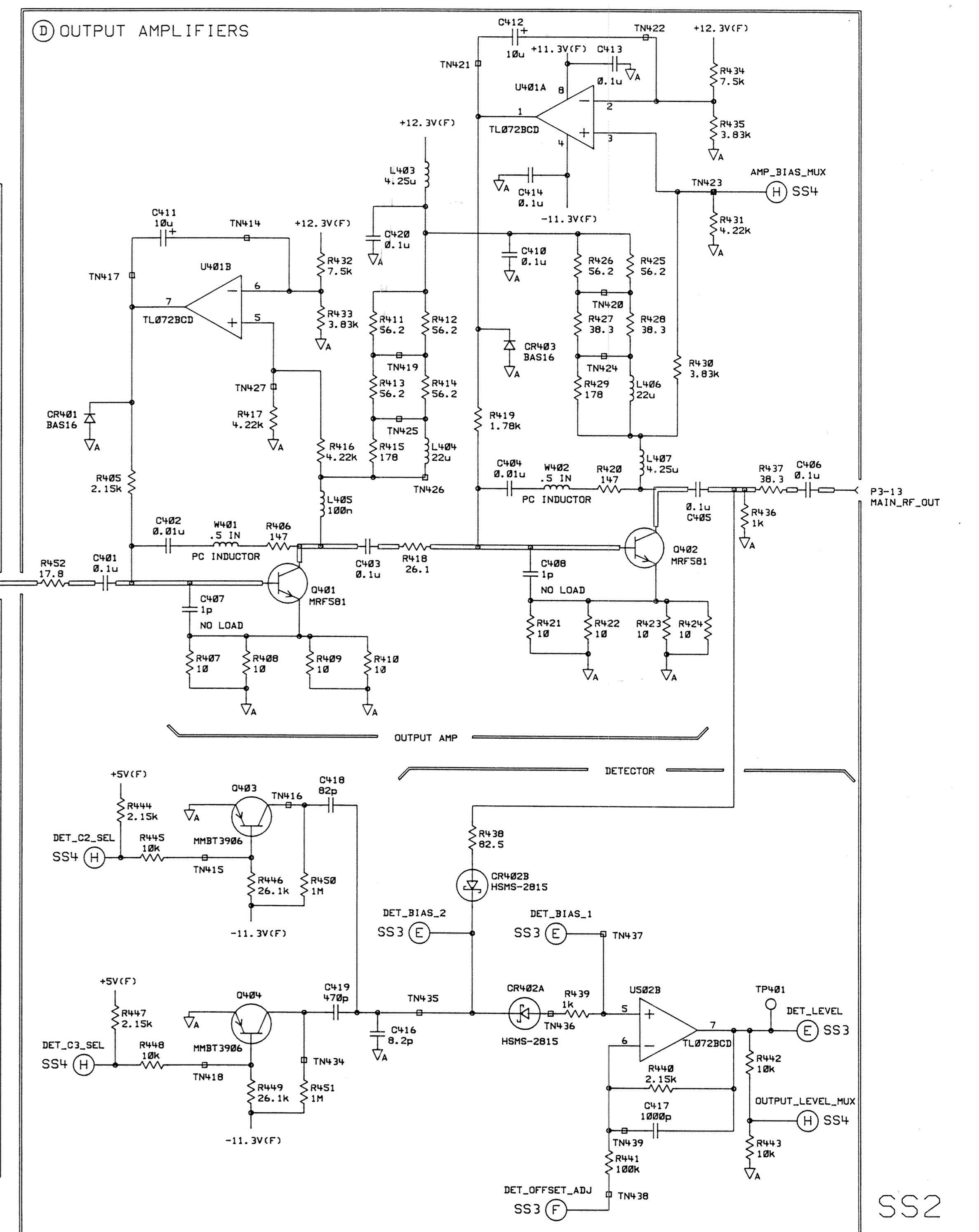
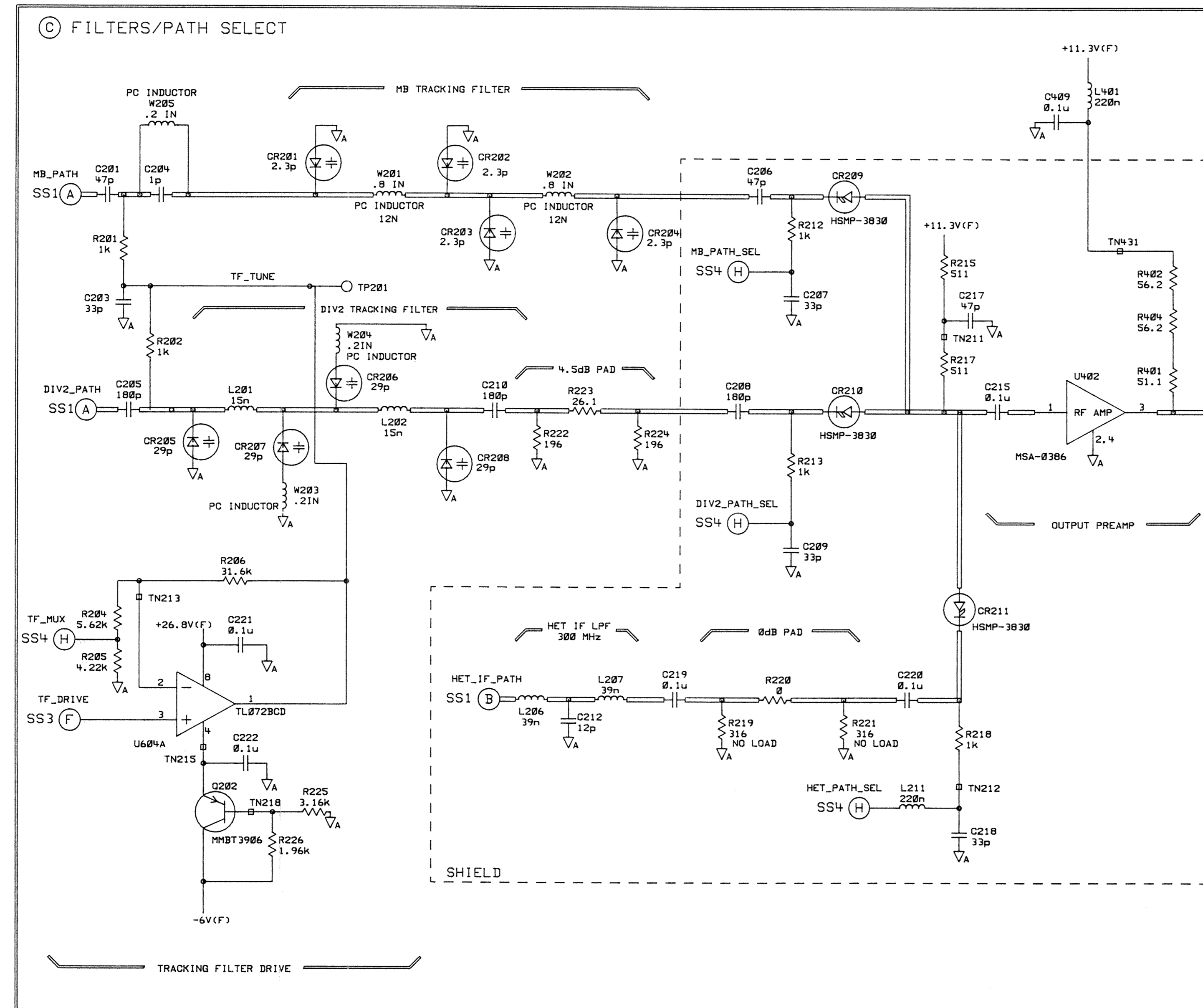
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DRAWN BY	06/17/88
ENGINEER/CHECKER	06/17/88
RELEASE TO PROD.	07/28/92
SUPERSEDES DWG.	

SCHEMATIC, PWA
 OUTPUT
 SECTION #1
 TITLE

s1ba1222	FILENAME
NONE	SCALE
1 of 4	SHEET
08920-60222	PART NUMBER
C-08920-60222-1	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS PPCO 10-7261	[REDACTED]	07/28/92
B	PER PCO 10-7346 CHG HET PADS	[REDACTED]	09/30/92
C	KLUDGE C100 PER PCO 10-7683	[REDACTED]	4/23/93



SS2

A13

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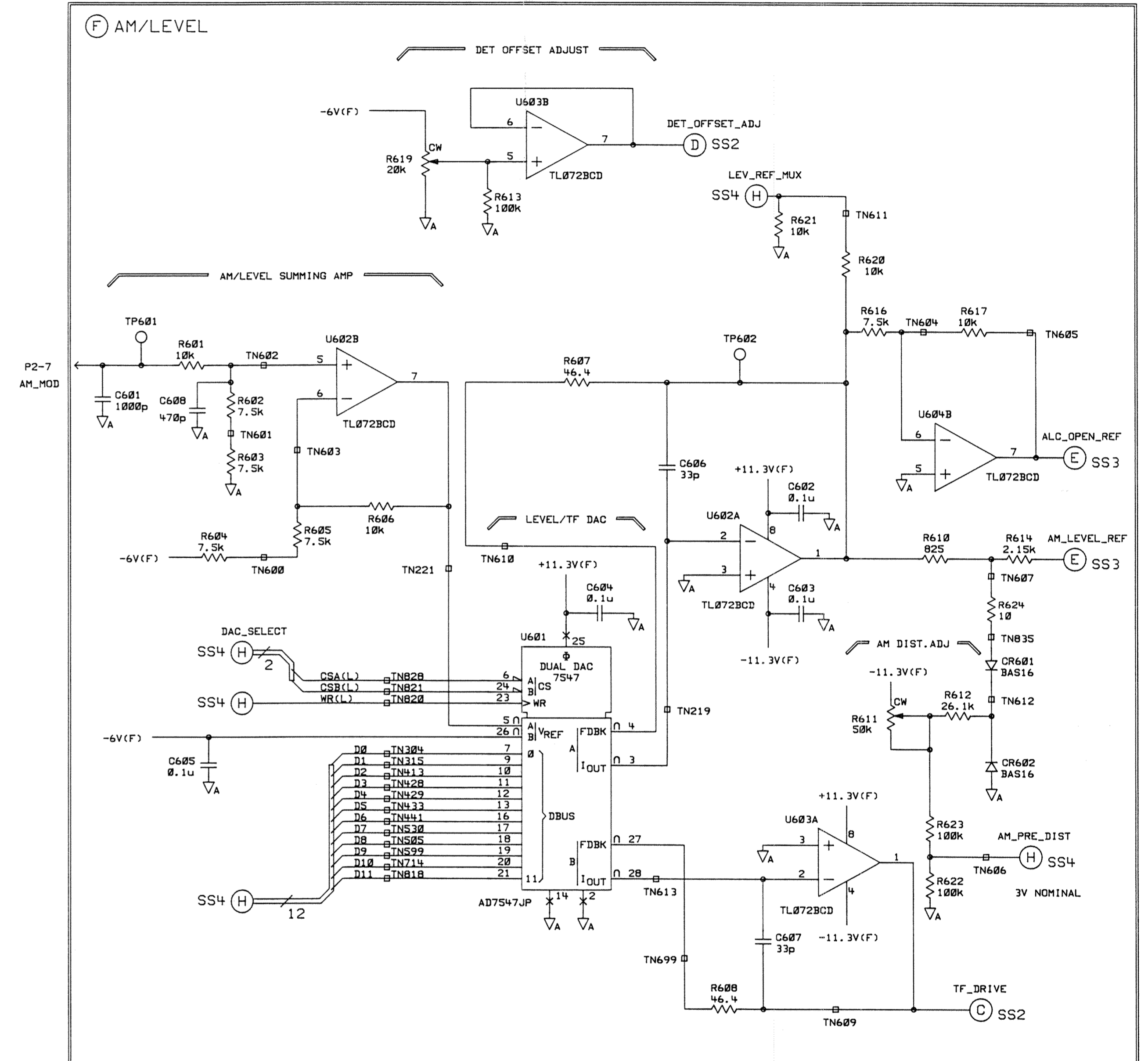
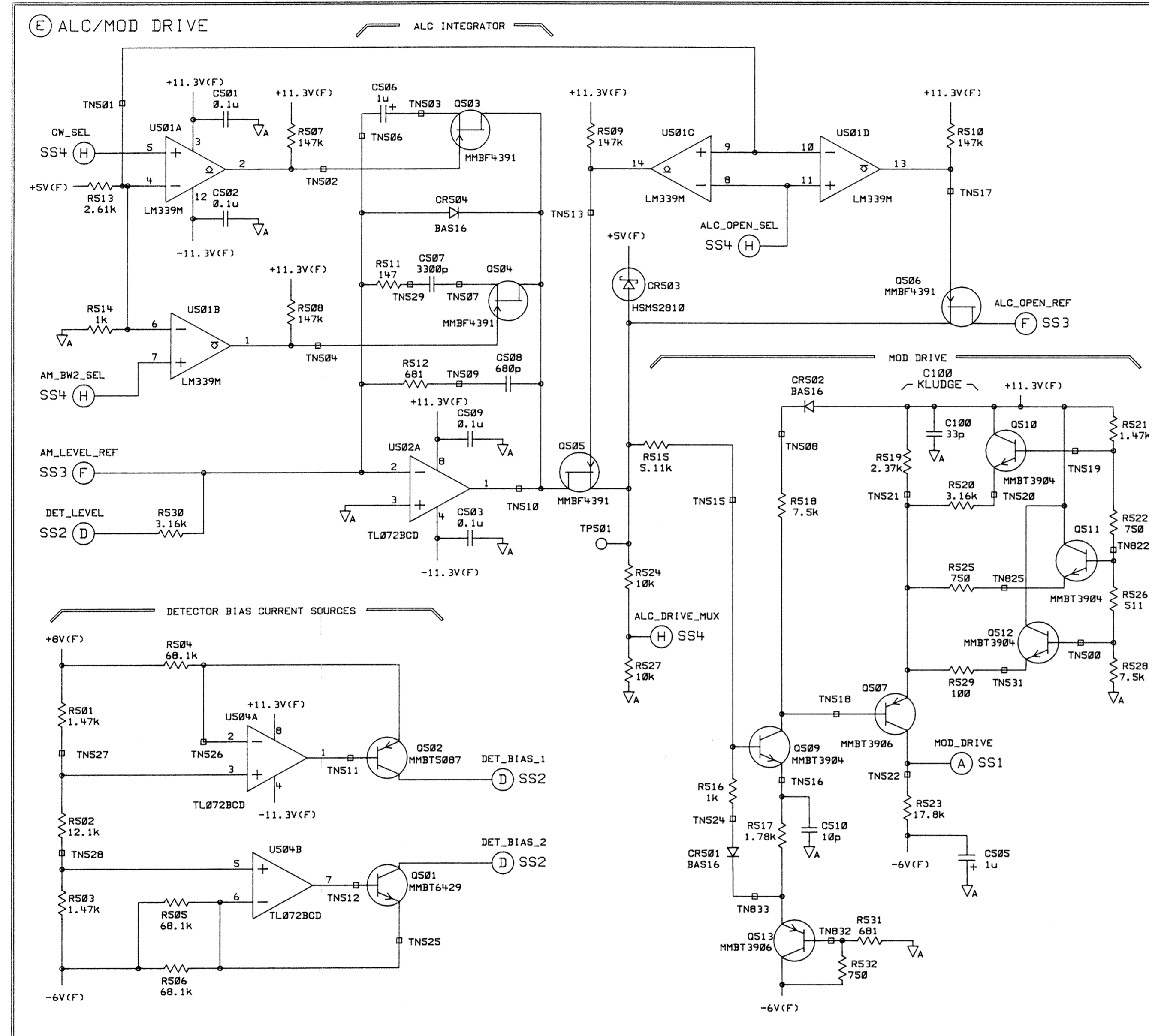
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ENGINEER/CHECKER [REDACTED]	DATE 06/17/88
RELEASE TO PROD. [REDACTED]	DATE 07/28/92
SUPERSEDES DWG.	

SCHEMATIC, PWA
 OUTPUT
 SECTION #1

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2 of 4	SHEET
08920-60222	PART NUMBER
C-08920-60222-1	

TITLE

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS POCO 10-7261		07/28/92
B	PER POCO 10-7346 CHG HET PADS		09/30/92
C	KLUDGE C100 PER POCO 10-7683		4/23/93



SS3

A13

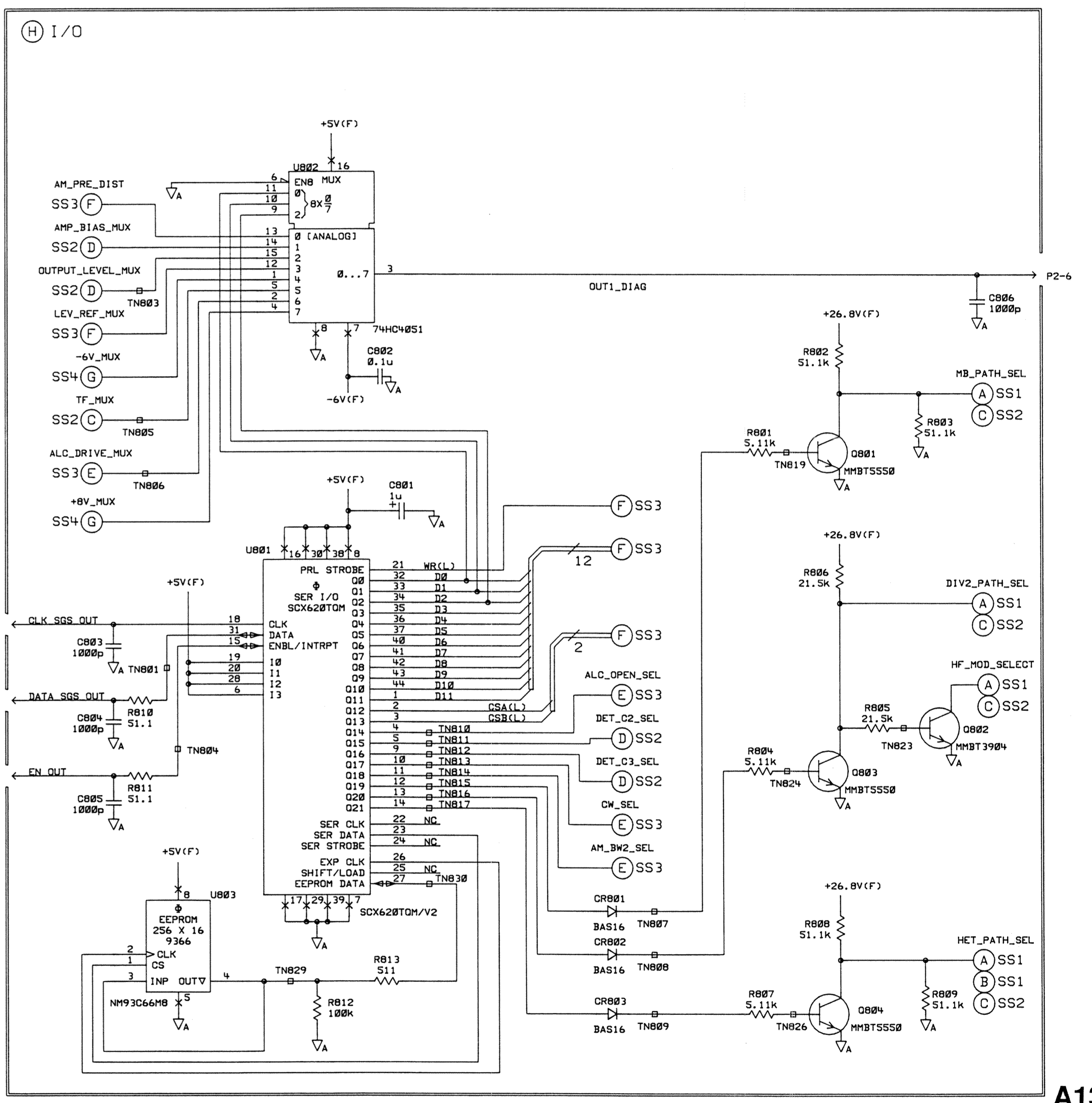
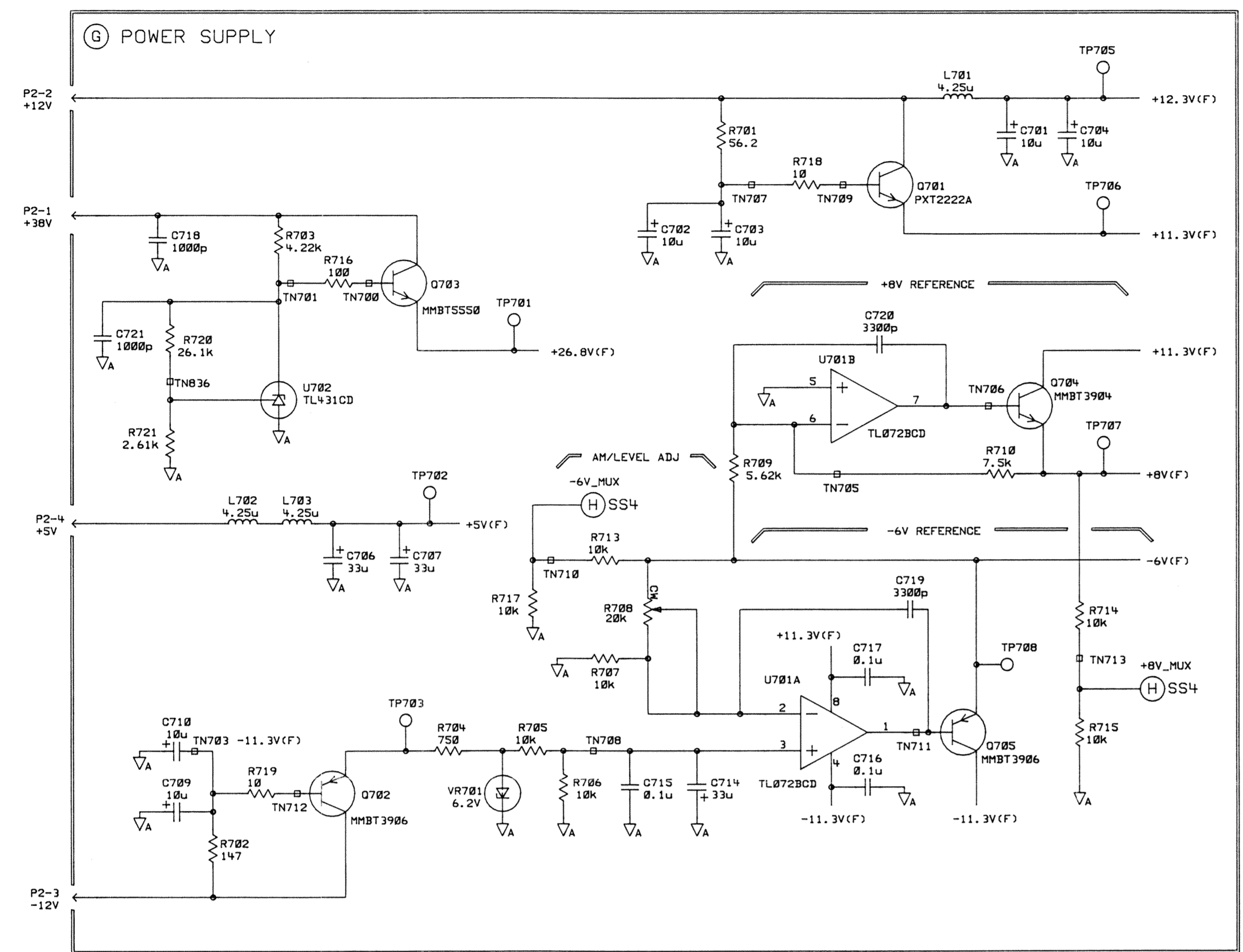
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ENGINEER/CHECKER	DATE
RELEASE TO PROD.	DATE
SUPERSEDES DWG.	

SCHEMATIC, PWA
 OUTPUT
 SECTION #1
 TITLE

s3ba1222 FILENAME	
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SHEET	3 OF 4
PART NUMBER	08920-60222
C-08920-60222-1	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS POCO 10-7261	[REDACTED]	07/28/92
B	PER PCO 10-7346 CHG HET PADS	[REDACTED]	09/30/92
C	KLUDGE C100 PER PCO 10-7683	[REDACTED]	4/23/93



SS4

A13

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[REDACTED]	06/17/88
DRAWN BY	DATE
[REDACTED]	06/17/88
ENGINEER/CHECKER	DATE
[REDACTED]	07/28/92
RELEASE TO PROD.	DATE
[REDACTED]	
SUPERSEDES DWG.	

SCHEMATIC, PWA
 OUTPUT
 SECTION #1
 TITLE

s4ba1222	FILENAME
NONE	SCALE
4 OF 4	SHEET
08920-60222	PART NUMBER
C-08920-60222-1	

Component-Level Information Packet

A14

SIGNAL GENERATOR SYNTHESIZER

08920-61830

8920A COMPONENT LEVEL INFORMATION ERRATA

A14 Signal Generator Synthesizer

Change A14 to:

A14, 08920-61830, 1, SIGNAL GENERATOR SYNTHESIZER (New), 28480, 08920-61830
A14, 08920-69030, 1, SIGNAL GENERATOR SYNTHESIZER (Exchange), 28480, 08920-69030
A14, 08920-60221-1, REF, SIGNAL GENERATOR SYNTHESIZER SCHEMATIC DIAGRAM
A14, 08920-60221-2, REF, SIGNAL GENERATOR SYNTHESIZER COMPONENT LOCATOR

Change A14R7 to:

A14R7, 0699-1353, 1, RES-FXD TF 23.7OHM +-1% .125W 0+-100TC, 81349, M55342K07B23D7R

Change A14R100 to:

A14R100, 0699-1428, 1, RES-FXD TF 348OHM +-1% .125W 0+-100TC, 81349, M55342K07B348DR

Add A14R204:

A14R204, 0699-1432, 1, RES-FXD TF 511OHM +-1% .125W 0+-100TC, 81349, M55342K07B511DR

Add A14U18:

A14U18, 1818-5236, 1, IC-EEPROM CMOS 256X16 3-S 500NS, 27014, NM93C66M8

Change A14VR3 to:

A14VR3, 1902-0947, 1, DIODE-ZENER .4W 3.6V +-5% +.036%TC, 04713, SZ30035-5

Delete 0515-1103 from A14.

Add 0515-0655 to A14:

A14, 0515-0655, 10, SCR-MACH PH M3X.5 8MM-LG T10 SST, 28480, 0515-0655

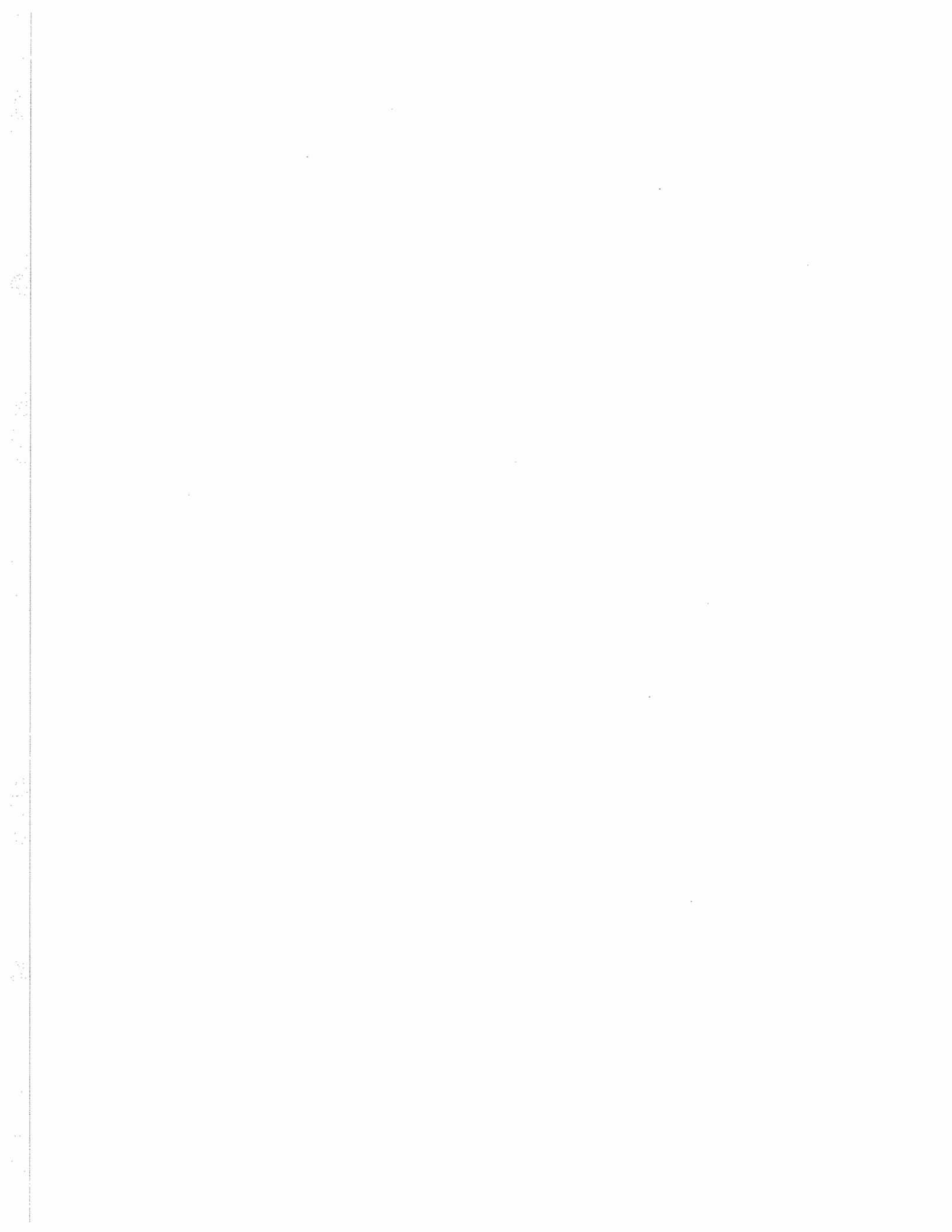
Delete 0515-1753 from A14.

Add 0515-1103 to A14:

A14, 0515-1103, 6, SCR-MACH M3X.5 10MM-LG T10 SST, 28480, 0515-1103

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.



A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14	08920-61830	1	SIGNAL GENERATOR SYNTHESIZER (New)	28480	08920-61830
A14	08920-69030	1	SIGNAL GENERATOR SYNTHESIZER (Exchange)	28480	08920-69030
A14	08920-60121-1	REF	SIGNAL GENERATOR SYNTHESIZER SCHEMATIC DIAGRAM		
A14	08920-60121-2	REF	SIGNAL GENERATOR SYNTHESIZER COMPONENT LOCATOR		
A14C1	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A14C2	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A14C3	0160-6735	1	CAP-FXD 4700PF +10% 50V CER X7R	81349	CDR32BX472BKWM
A14C4	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C5	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C6	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A14C7	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C8	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A14C9	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A14C10	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A14C11	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A14C12	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A14C13	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A14C14	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A14C15	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C16	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C17	0160-5972	1	CAP-FXD 5.6PF +8.93% 50V CER COG	51406	GRM40-001COG5R6D050C
A14C21	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C22	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C23	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A14C25	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C26	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C27	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A14C29	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A14C30	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A14C31	0160-5961	1	CAP-FXD 22PF +5% 50V CER COG	81349	CDR01BP220BJWM
A14C32	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A14C33	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A14C34	0160-5953	1	CAP-FXD 270PF +5% 50V CER COG	81349	CDR01BX271BJWM
A14C37	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A14C38	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A14C39	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C40	0160-5953	1	CAP-FXD 270PF +5% 50V CER COG	81349	CDR01BX271BJWM
A14C41	0160-5953	1	CAP-FXD 270PF +5% 50V CER COG	81349	CDR01BX271BJWM
A14C42	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C43	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C44	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C45	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A14C46	0160-7120	1	CAP-FXD 0.47UF +10% 100V POLYE-MET	D9816	MKS2 0.47/100/10
A14C47	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A14C48	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A14C49	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A14C50	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A14C51	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A14C52	0160-5469	1	CAP-FXD 1UF +10% 50V POLYE-MET	28480	0160-5469

A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14C53	0160-7120	1	CAP-FXD 0.47UF +-10% 100V POLYE-MET	D9816	MKS2 0.47/100/10
A14C54	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14C55	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14C56	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C57	0180-3752	1	CAP-FXD 3.3UF +-20% 35V TA	33297	NRD335M35R12
A14C58	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A14C59	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A14C60	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C63	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14C65	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A14C66	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C67	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C70	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C71	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C74	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C75	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C76	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A14C77	0160-5958	1	CAP-FXD 39PF +-5% 50V CER COG	81349	CDR01BP390BJWM
A14C78	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C79	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C80	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A14C81	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A14C82	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A14C83	0160-6735	1	CAP-FXD 4700PF +-10% 50V CER X7R	81349	CDR32BX472BKWM
A14C84	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C89	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C90	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C91	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C92	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C95	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C96	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C97	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C98	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14C100	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A14C101	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A14C102	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A14C104	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A14C105	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C106	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14C107	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C109	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C110	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C111	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C112	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C115	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C116	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C117	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A14C119	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14C122	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A14C123	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM

A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14C124	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A14C126	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C136	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A14C137	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C138	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C139	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C140	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C141	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A14C9200	0160-5953	1	CAP-FXD 270PF +-5% 50V CER COG	81349	CDR01BX271BJWM
A14C9201	0160-5953	1	CAP-FXD 270PF +-5% 50V CER COG	81349	CDR01BX271BJWM
A14C9202	0160-4565	1	CAP-FXD 1000PF +-% 100V CER COG	28480	0160-4565
A14C9203	0160-4565	1	CAP-FXD 1000PF +-% 100V CER COG	28480	0160-4565
A14C9204	0160-4565	1	CAP-FXD 1000PF +-% 100V CER COG	28480	0160-4565
A14C9205	0160-5959	1	CAP-FXD 33PF +-5% 50V CER COG	81349	CDR01BP330BJWM
A14C9206	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9207	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9208	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9209	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9210	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9211	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9212	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9213	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9214	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9215	0160-5963	1	CAP-FXD 18PF +-5% 50V CER COG	81349	CDR01BP180BJWM
A14C9216	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9217	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9218	0160-5962	1	CAP-FXD 15PF +-5% 50V CER COG	81349	CDR01BP150BJWM
A14C9219	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9220	0160-5964	1	CAP-FXD 180PF +-5% 50V CER COG	81349	CDR01BP181BJWM
A14C9221	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9222	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A14C9223	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9224	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9225	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A14C9226	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A14CR2	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A14CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A14CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A14CR7	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A14CR8	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A14CR9	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A14CR10	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A14CR11	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A14CR12	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A14CR16	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A14CR9015	1906-0320	1	DIODE-DUAL 40V 40MA TO-236AA	40236	BAS 40-04
A14DS1	1990-0517	1	LED-LAMP LUM-INT=3MCD IF=25MA-MAX BVR=5V	28480	1990-0517
A14J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	28480	1251-4670
A14L1	9140-1244	1	INDUCTOR 1MH +-5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A14L2	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3

A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14L4	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A14L5	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A14L6	9140-1244	1	INDUCTOR 1MH +5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A14L7	9140-1244	1	INDUCTOR 1MH +5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A14L8	9140-1244	1	INDUCTOR 1MH +5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A14L9	9140-1244	1	INDUCTOR 1MH +5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A14L10	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A14L11	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A14L12	9140-1323	1	INDUCTOR 4.25UH +41% 1A	24226	51-443
A14L14	9135-0069	1	INDUCTOR 30NH +5% Q=60 SRF=3GHZ 1A	28480	9135-0069
A14L15	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A14L16	9140-1110	1	INDUCTOR 5.6UH +5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A14L17	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A14L18	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A14L19	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A14L20	9140-1194	1	INDUCTOR 15NH +10% Q=19 SRF=2.1GHZ	24226	SM3-010K
A14L21	9140-1194	1	INDUCTOR 15NH +10% Q=19 SRF=2.1GHZ	24226	SM3-010K
A14L22	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A14L23	9140-1110	1	INDUCTOR 5.6UH +5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A14L24	9140-1110	1	INDUCTOR 5.6UH +5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A14L27	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A14L28	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A14L29	9140-1536	1	INDUCTOR 18NH +10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A14L30	9140-1536	1	INDUCTOR 18NH +10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A14L31	9140-1536	1	INDUCTOR 18NH +10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A14L32	9140-1536	1	INDUCTOR 18NH +10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A14L33	9140-1536	1	INDUCTOR 18NH +10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A14P1	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A14P2	1252-3780	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	747844-2
A14P3	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A14Q1	1853-0637	1	TRANSISTOR PNP SI PD=225MW TO-236AA-PKG	04713	MMBT4260
A14Q4	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A14Q5	1853-0612	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	H0002	BFT93
A14Q6	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A14Q7	1853-0637	1	TRANSISTOR PNP SI PD=225MW TO-236AA-PKG	04713	MMBT4260
A14Q8	1854-1053	1	TRANSISTOR NPN SI PD=225MW FT=300MHZ	04713	MMBT2222A
A14Q9	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A14Q10	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A14Q11	1853-0581	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	04713	MMBT5401
A14Q12	1853-0581	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	04713	MMBT5401
A14Q13	1854-1009	1	TRANSISTOR NPN SI PD=580MW FT=8GHZ	S0545	NE21935
A14Q14	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A14Q15	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A14Q16	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A14Q22	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93
A14Q23	1854-1053	1	TRANSISTOR NPN SI PD=225MW FT=300MHZ	04713	MMBT2222A
A14Q24	1853-0568	1	TRANSISTOR PNP SI PD=350MW TO-236AA-PKG	04713	MMBT5087
A14Q25	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A14Q9001	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A14Q9002	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906

A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14Q9003	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A14R1	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A14R4	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R5	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R6	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R7	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A14R8	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R10	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R11	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A14R12	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R13	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R14	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A14R15	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A14R16	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A14R17	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R18	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R20	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A14R40	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A14R41	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A14R42	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A14R43	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A14R44	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A14R45	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R46	0699-1436	1	RESISTOR 750 +-1% .125W TF TC=0+-100	81349	M55342K07R750DR
A14R47	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A14R53	0698-8047	1	RESISTOR 32K +-0.1% .125W TF TC=0+-25	81349	RNC60J3202BS
A14R54	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	RNC60J1002BS
A14R55	0698-6782	1	RESISTOR 250 +-0.1% .125W TF TC=0+-25	19701	5033RE250R000B
A14R56	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A14R57	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R58	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A14R59	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R60	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R61	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A14R62	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A14R63	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A14R64	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R65	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R66	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R67	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R68	0699-1319	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	81349	M55342K07R12E1R
A14R69	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A14R70	0699-1412	1	RESISTOR 75K +-1% .125W TF TC=0+-100	81349	M55342K07R75E0R
A14R72	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A14R73	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A14R74	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A14R75	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A14R76	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A14R77	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R78	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER

A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14R79	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R80	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R81	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A14R84	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A14R85	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R86	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A14R87	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A14R88	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A14R90	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A14R91	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R92	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A14R93	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A14R94	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A14R95	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A14R96	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A14R97	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A14R98	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A14R99	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A14R100	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A14R101	0699-1347	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	81349	M55342K07R13D3R
A14R102	0699-1347	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	81349	M55342K07R13D3R
A14R103	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A14R105	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A14R106	0699-1347	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	81349	M55342K07R13D3R
A14R107	0699-1369	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	81349	M55342K07R1E10R
A14R108	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A14R109	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R110	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A14R111	0699-1406	1	RESISTOR 42.2K +-1% .125W TF TC=0+-100	81349	M55342K07R42E2R
A14R112	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A14R113	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A14R114	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A14R115	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A14R116	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R117	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R118	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R119	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A14R120	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A14R121	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R122	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A14R123	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A14R124	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A14R125	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A14R126	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R129	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R130	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R132	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R133	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A14R134	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A14R135	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR

A14 Replaceable Parts

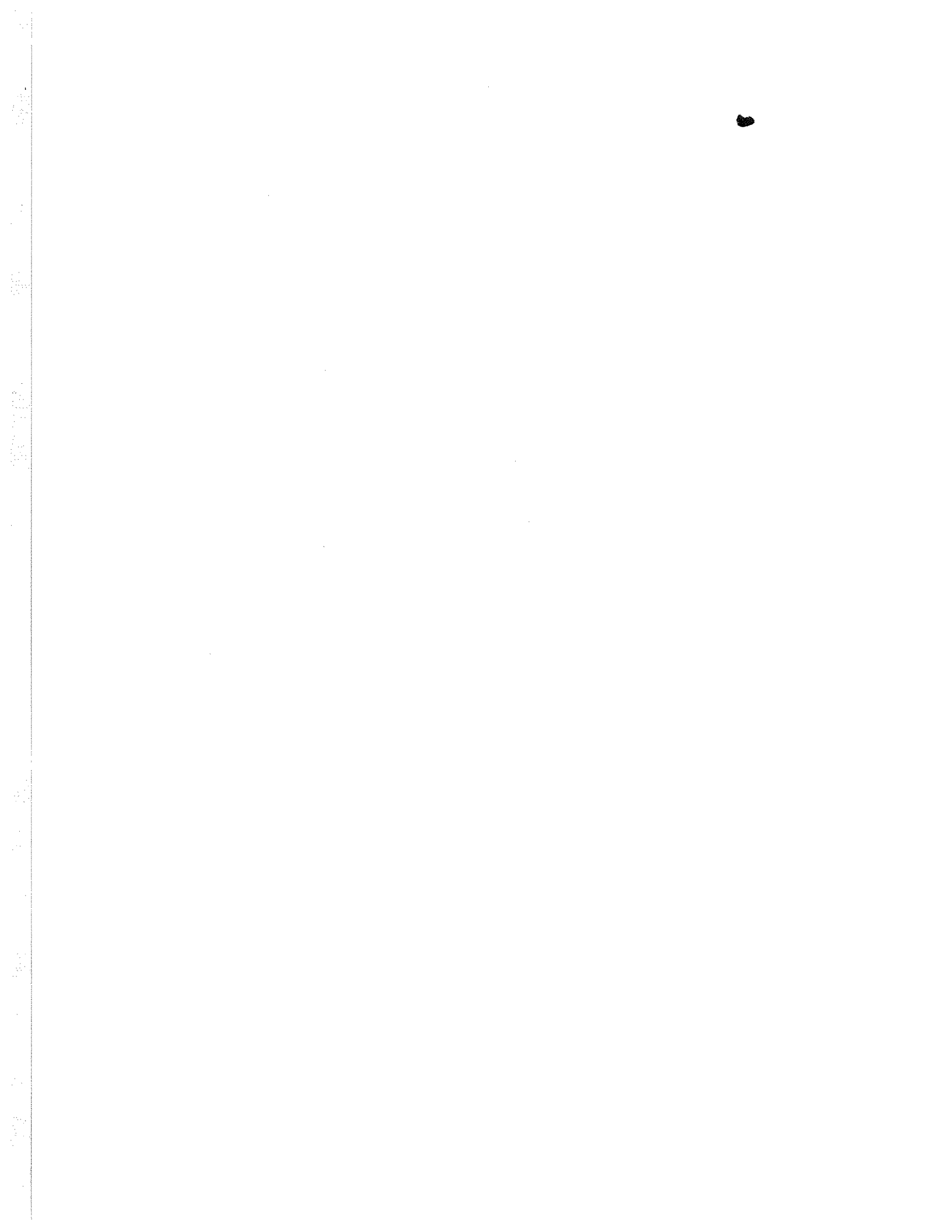
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14R136	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A14R137	0699-1353	1	RESISTOR 23.7 +-1% .125W TF TC=0+-100	81349	M55342K07R23D7R
A14R138	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A14R145	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R146	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A14R147	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R150	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R151	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R152	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R154	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A14R155	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A14R156	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R157	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A14R158	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A14R159	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R160	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R161	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R165	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R166	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R167	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A14R168	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R169	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A14R170	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A14R171	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R172	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A14R173	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A14R174	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A14R175	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R176	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R178	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A14R179	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A14R193	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A14R194	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A14R195	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A14R197	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R198	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R199	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R200	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A14R201	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A14R203	0699-1416	1	RESISTOR 110 +-1% .125W TF TC=0+-100	81349	M55342K07R110DR
A14R9002	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R9003	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R9004	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R9005	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R9006	2100-0545	1	RESISTOR-TRMR 1K 10% TKF SIDE-ADJ 17-TRN	32997	3296X-DM3-102
A14R9007	0699-1785	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	81349	M55342K07R13E3R
A14R9008	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A14R9009	2100-0545	1	RESISTOR-TRMR 1K 10% TKF SIDE-ADJ 17-TRN	32997	3296X-DM3-102
A14R9010	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R9011	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR

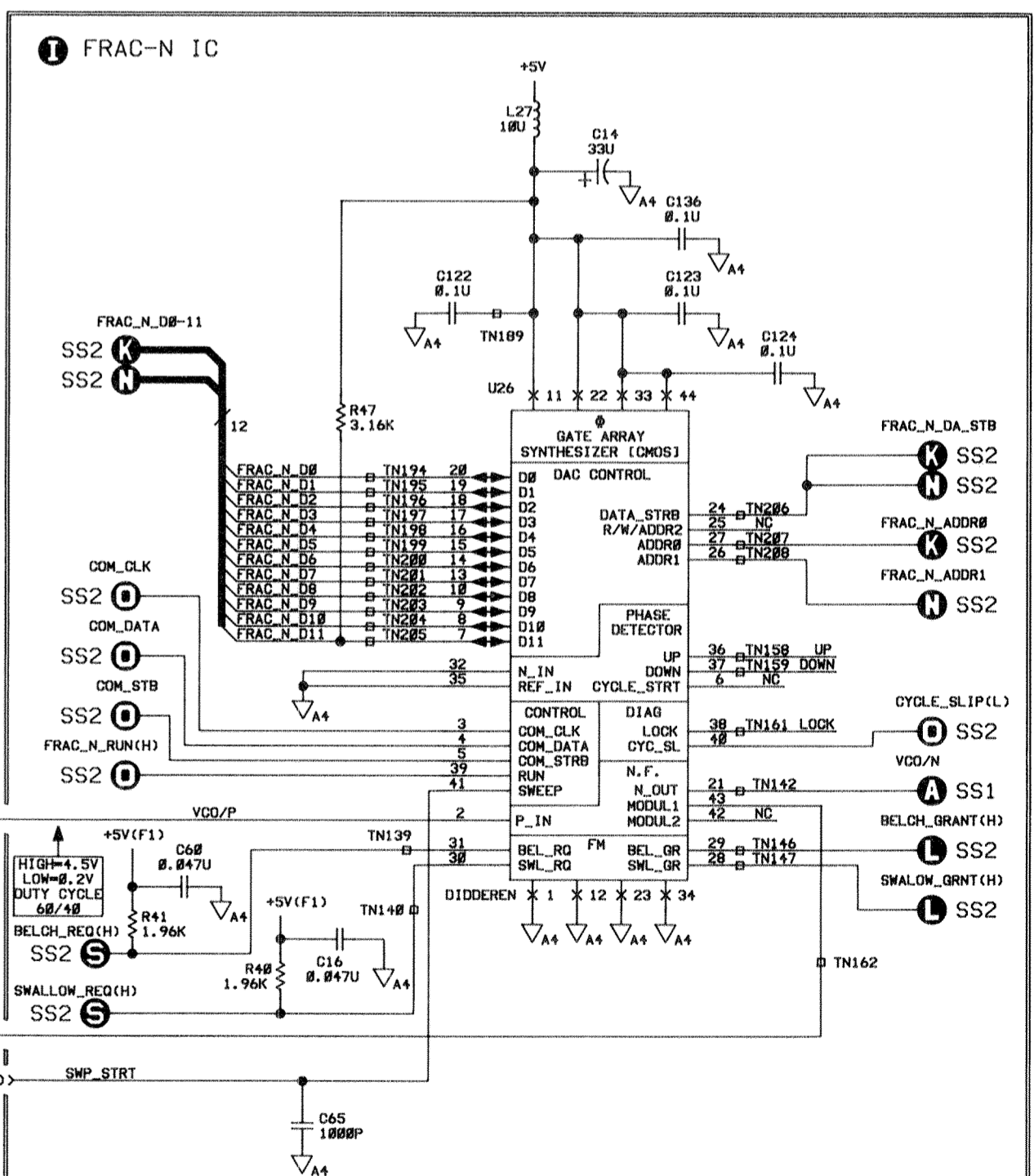
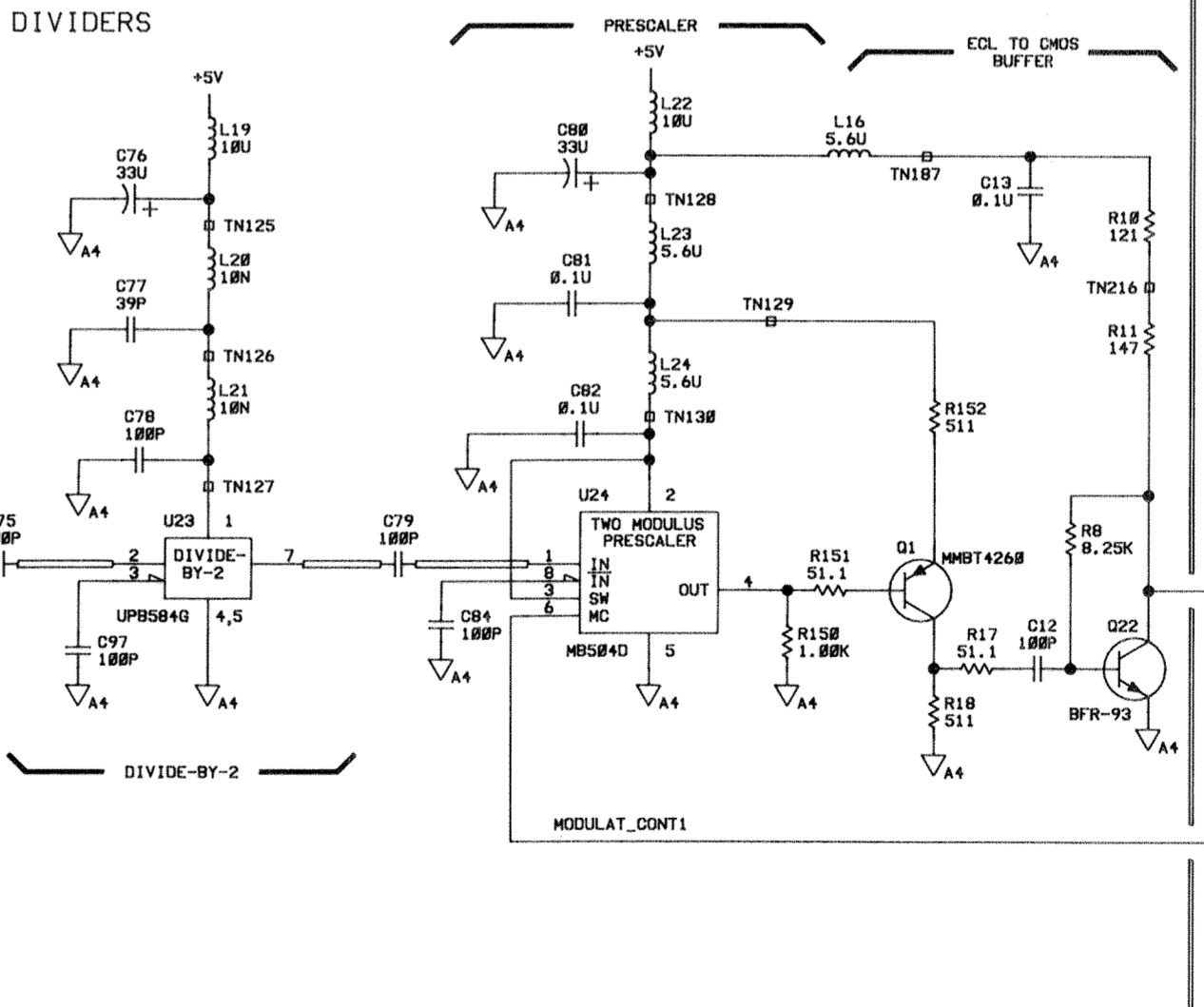
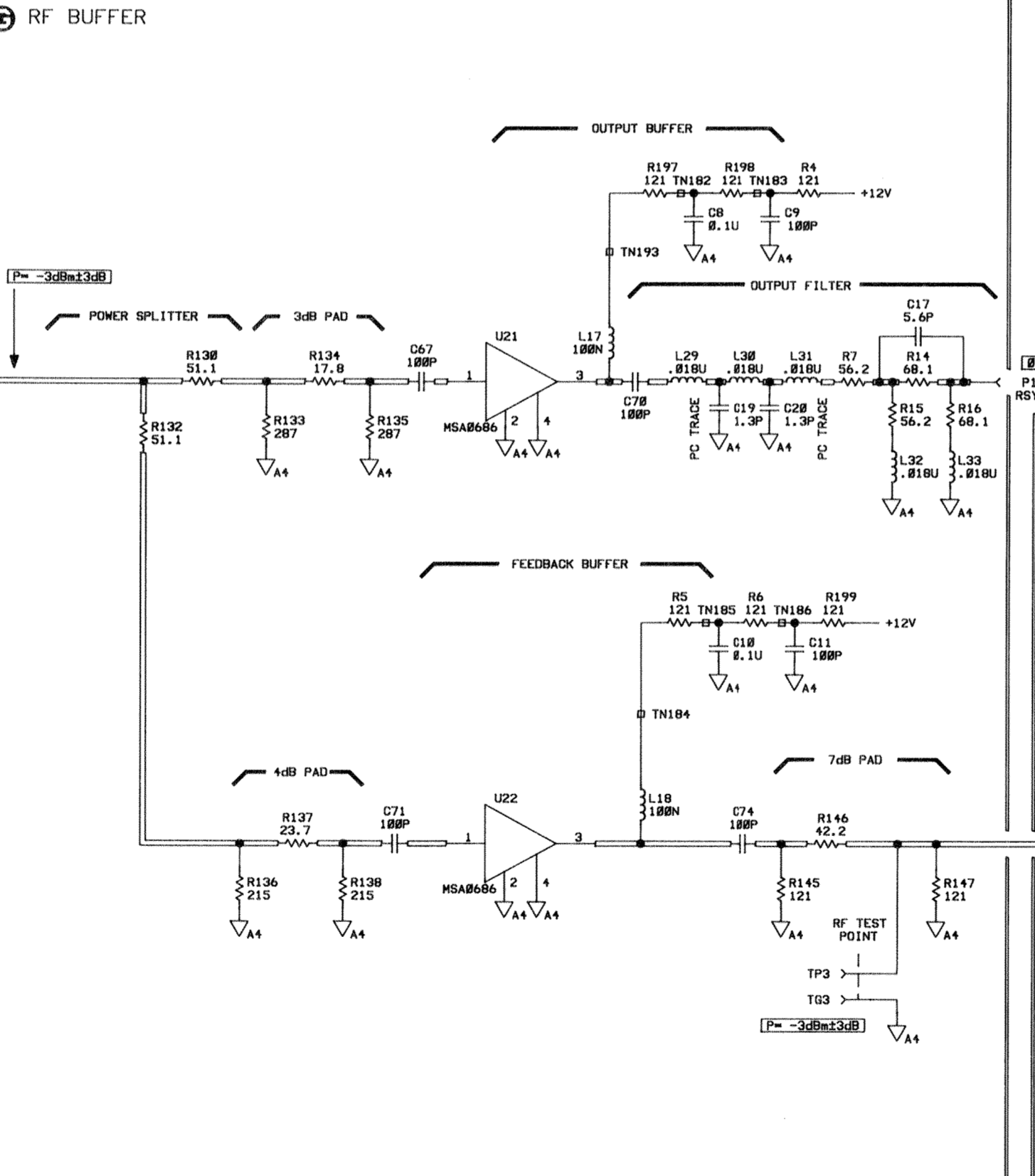
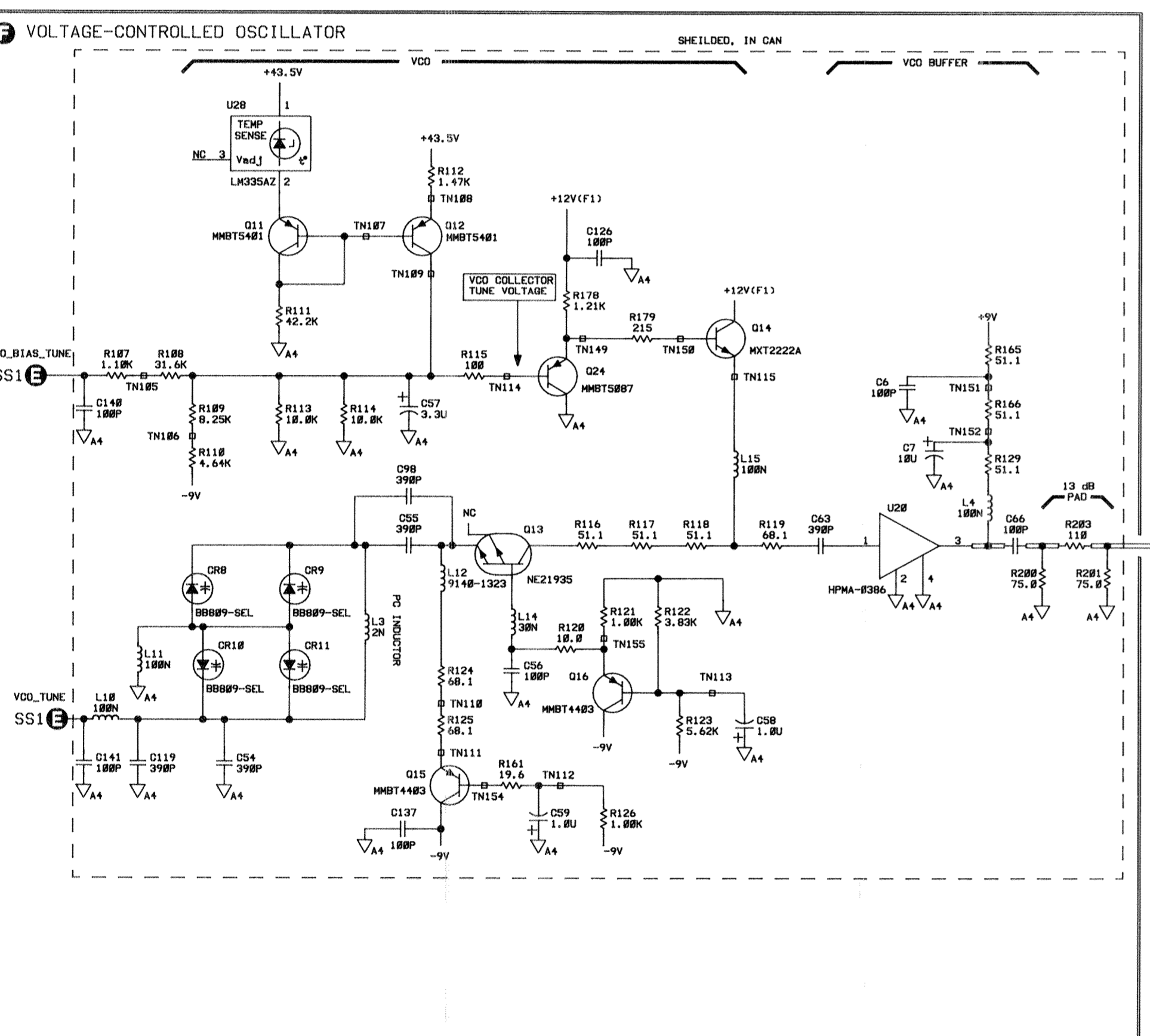
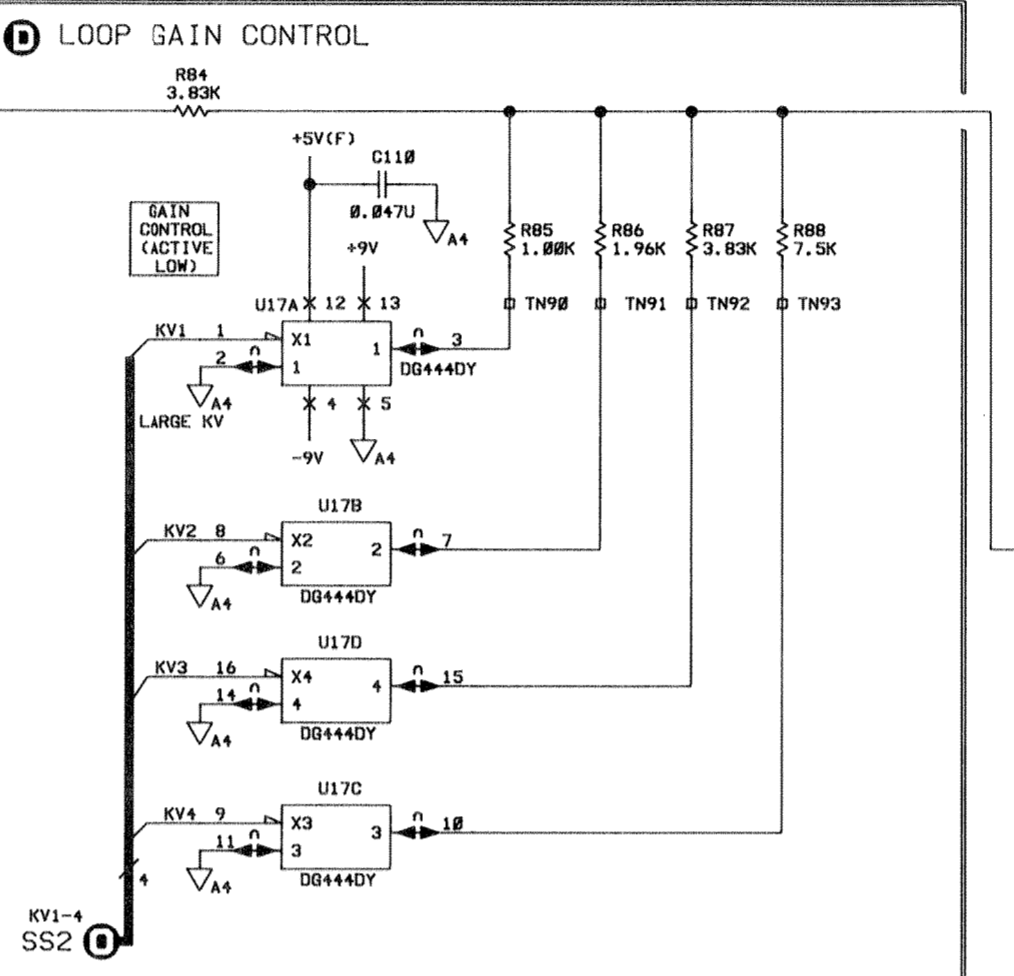
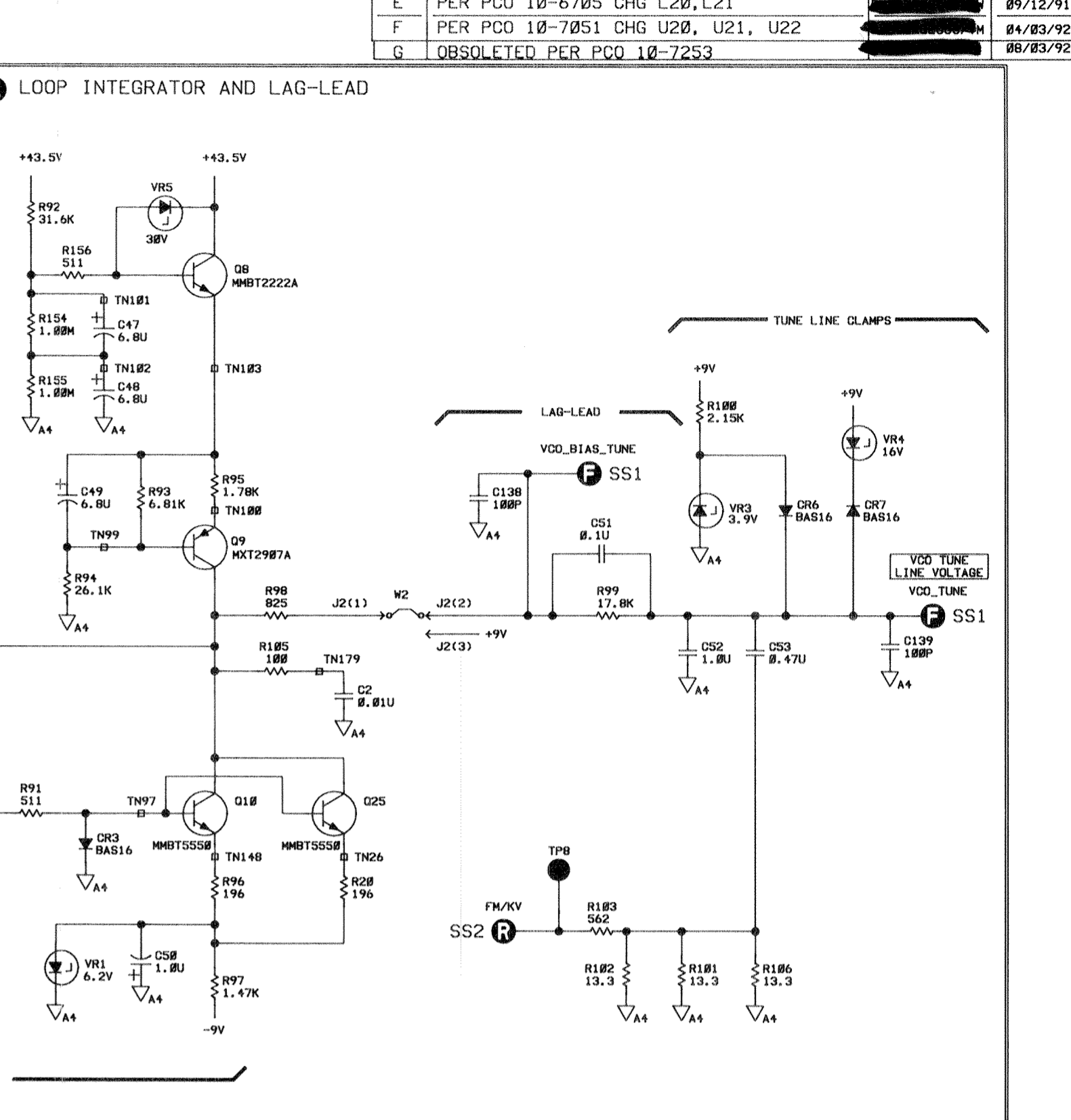
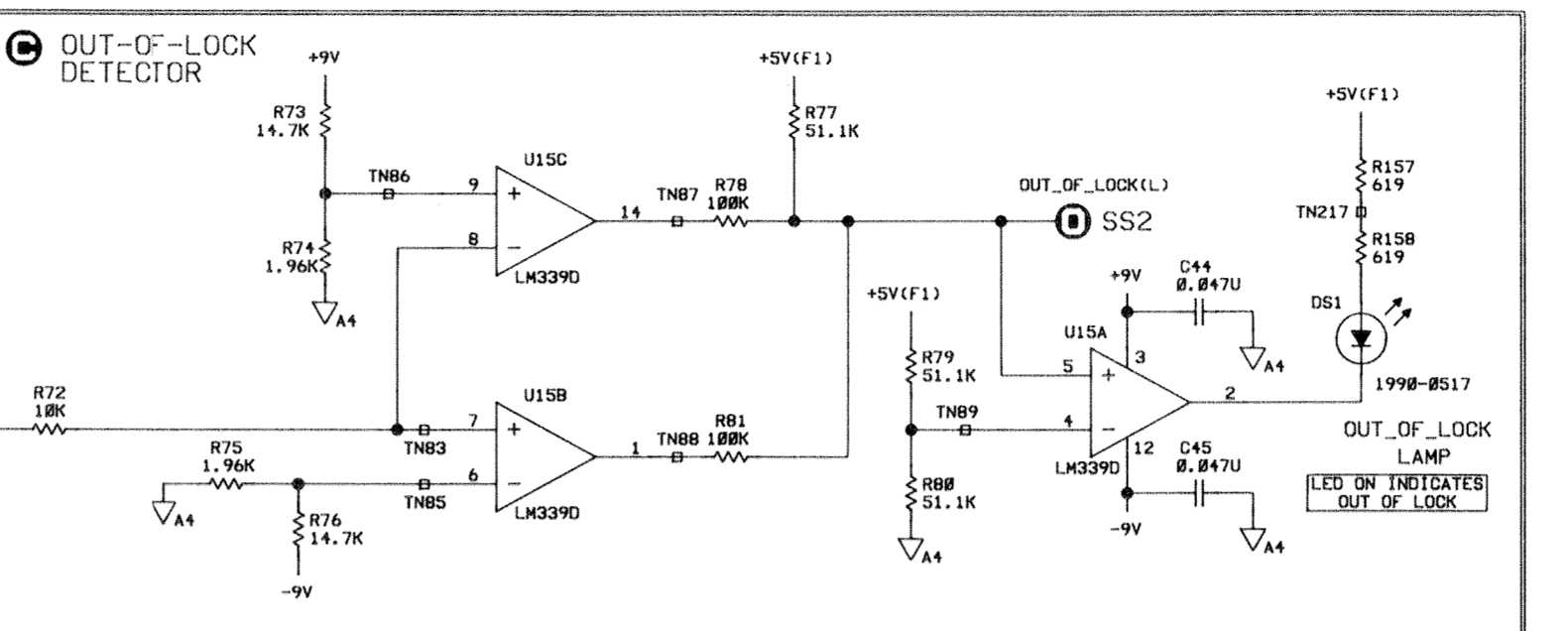
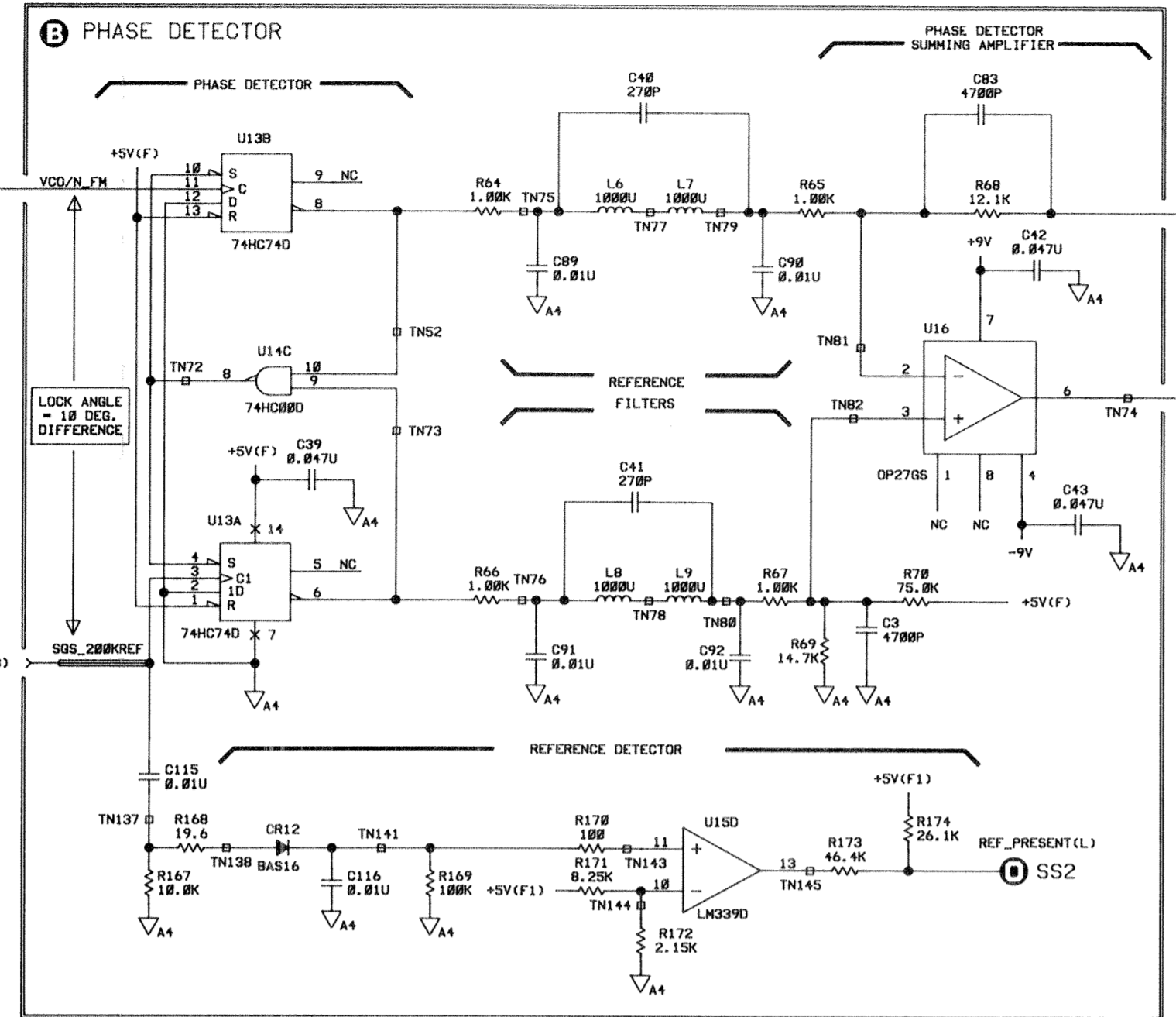
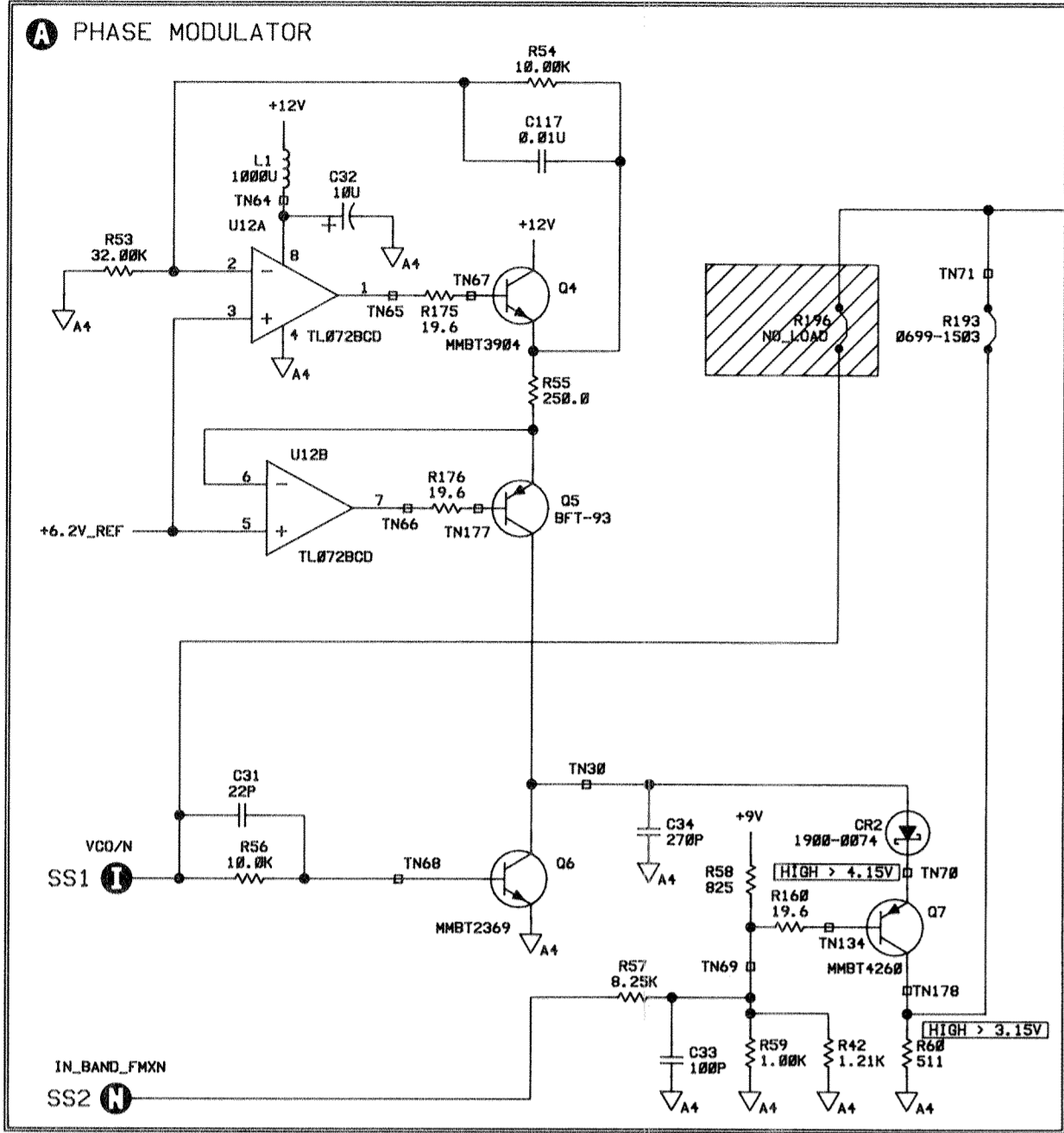
A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14R9012	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A14R9013	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A14R9014	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A14R9015	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A14R9016	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A14R9017	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R9018	2100-0670	1	RESISTOR-TRMR 10K 10% TF SIDE-ADJ 17-TRN	73138	67XR10K
A14R9019	0699-1322	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	81349	M55342K07R68E1R
A14R9020	0699-1445	1	RESISTOR 215K +-1% .125W TF TC=0+-100	81349	M55342K07R215ER
A14R9021	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A14R9022	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R9023	0699-1445	1	RESISTOR 215K +-1% .125W TF TC=0+-100	81349	M55342K07R215ER
A14R9024	2100-3659	1	RESISTOR-TRMR 20K 10% TF TOP-ADJ 17-TRN	28480	2100-3659
A14R9025	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A14R9026	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R9027	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A14R9028	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A14R9029	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A14R9030	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R9031	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R9032	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R9033	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A14R9034	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A14R9035	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R9036	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A14R9037	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A14R9038	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R9039	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A14R9040	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A14R9042	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A14R9047	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A14R9048	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A14R9049	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A14R9050	0699-1383	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	81349	M55342K07R4E22R
A14R9051	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A14R9052	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A14R9053	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A14R9083	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A14R9105	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A14R9106	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A14R9158	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R9162	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A14R9164	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A14R9183	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A14R9184	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A14R9185	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R9186	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R9187	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A14R9188	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A14R9189	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR

A14 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A14 (Cont'd)	08920-61830	REF	SIGNAL GENERATOR SYNTHESIZER	28480	08920-61830
A14R9190	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A14TG3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A14TP3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A14TP8	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A14U10	1826-0393	1	IC V RGLTR-ADJ-POS 1.2/37V TO-220 PKG	81349	M38510/11704BYC
A14U11	1826-0527	1	IC V RGLTR-ADJ-NEG 1.2/3V 3-TO-220 PKG	27014	LM337-T
A14U12	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A14U13	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A14U14	1820-4692	1	IC GATE CMOS/HC NAND QUAD 2-INP	01295	SN74HC00D
A14U15	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A14U16	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8-PIN	13919	OPA27U
A14U17	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A14U20	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0386
A14U21	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A14U22	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A14U23	1820-6958	1	IC PRESCR ECL	33297	UPB584G
A14U24	1820-6955	1	IC PRESCR ECL	61271	MB504LPF
A14U25	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A14U26	1820-6472	1	IC GATE-ARY CMOS	28480	1820-6472
A14U27	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8-PIN	13919	OPA27U
A14U28	1826-0760	1	IC TEMP XDRC TO-92	27014	LM335AZ
A14U9001	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A14U9002	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A14U9003	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A14U9004	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A14U9005	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	24355	AD7547JP
A14U9006	1820-6972	1	IC ANLG-MUXR/DEMUXR CMOS/HC TPL	04713	MC74HC4053DW
A14U9007	1820-6972	1	IC ANLG-MUXR/DEMUXR CMOS/HC TPL	04713	MC74HC4053DW
A14U9008	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	27014	LM311M
A14U9009	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	27014	LM311M
A14U9018	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A14U9019	1826-1864	1	D/A 8-BIT 20-PLCC CMOS CAUTION: Static Sensitive	24355	AD7524KP
A14VR1	1902-0953	1	DIODE-ZNR 6.2V 5% PD=.4W TC=+.053% DO-35	28480	1902-0953
A14VR2	1902-0680	1	DIODE-ZNR 6.2V 5% PD=.4W TC=+.001% DO-7	81349	JAN1N827
A14VR3	1902-0948	1	DIODE-ZNR 3.9V 5% PD=.4W TC=-.012% DO-35	80131	1N5228B
A14VR4	1902-0963	1	DIODE-ZNR 16V 5% PD=.4W TC=+.088% DO-35	50088	1N5246B
A14VR5	1902-0244	1	DIODE-ZNR 30V 5% PD=1W IR=5UA	28480	1902-0244
A14W2	1258-0209	1	JUMPER-REMOVABLE 2-POS .250-IN	22526	68786-202
A14	0515-1103	6	SCREW-MACH M3 X 0.5 10MM-LG	28480	0515-1103
A14	0515-1753	10	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-1753
A14	08920-00083	1	SHIELDING GASKET, ELECTRONIC	28480	08920-00083
A14	08920-40009	2	EXTRACTOR, ELECTRICAL CARD	28480	08920-40009
A14	08920-40016	2	RETAINER, EXTRACTOR	28480	08920-40016
A14	08920-61049	1	COVER, EMI SHIELDING	28480	08920-61049
A14	08920-61050	1	COVER, EMI SHIELDING	28480	08920-61050
A14	5061-4836	1	HOUSING, CCA	28480	5061-4836





ENGINEERING NOTES

AT ROOM TEMP:

VCO TUNE VOLTAGE	VCO COLLECTOR TUNE VOLTAGE	VCO OUTPUT FREQ ±50 MHz
4V	= 4.5V	= 500MHz
14V	= 5.5V	= 820MHz
24V	= 6.5V	= 1020MHz

T.C. VCO COLLECTOR VOLT= 22.2mV/C

- PC DESIGN
- ⊥A1 = A1 GND
 - ⊥A2 = A2 GND
 - ⊥A3 = A3 GND
 - ⊥A4 = A4 GND
 - ⊥A5 = A5 GND

PC NOTES:
 THE 08920-60121 AND THE 08920-60120 ASSEMBLIES USE THE SAME BOARD BLANK.

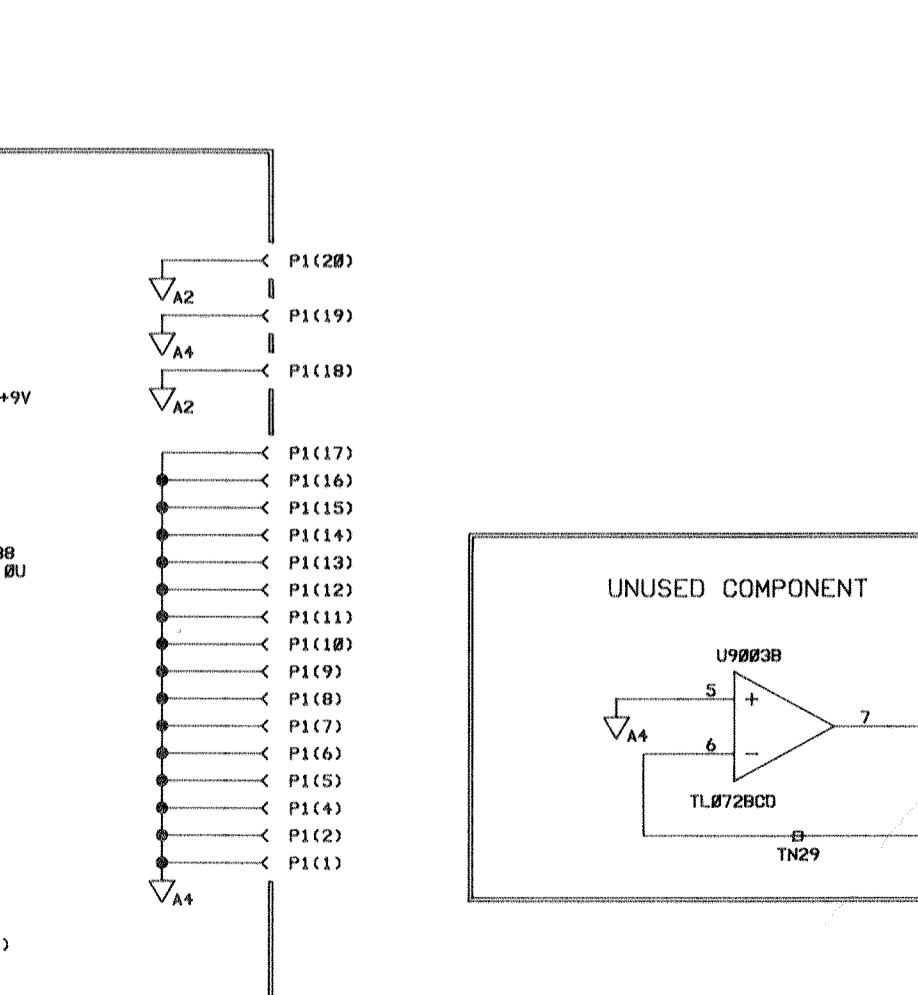
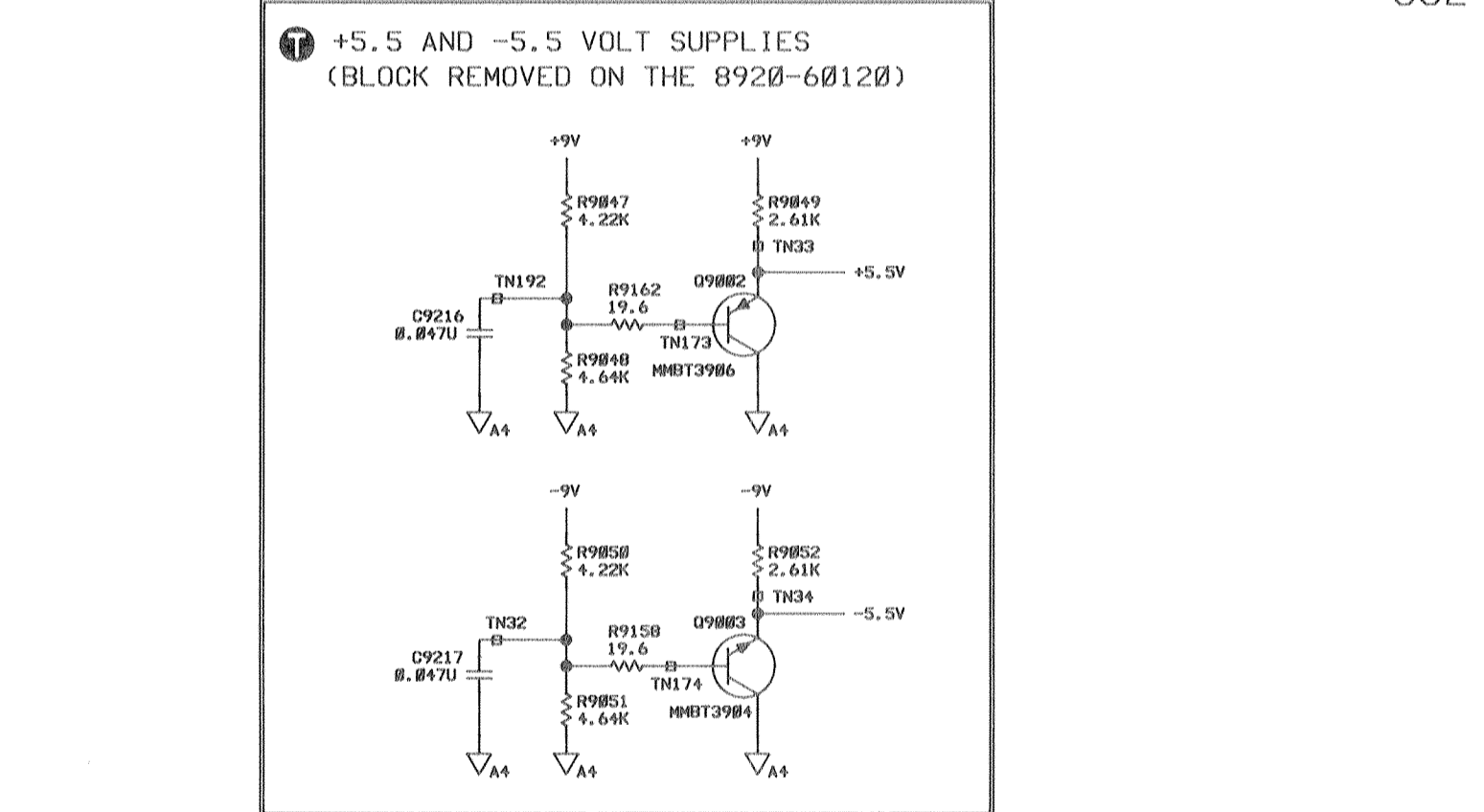
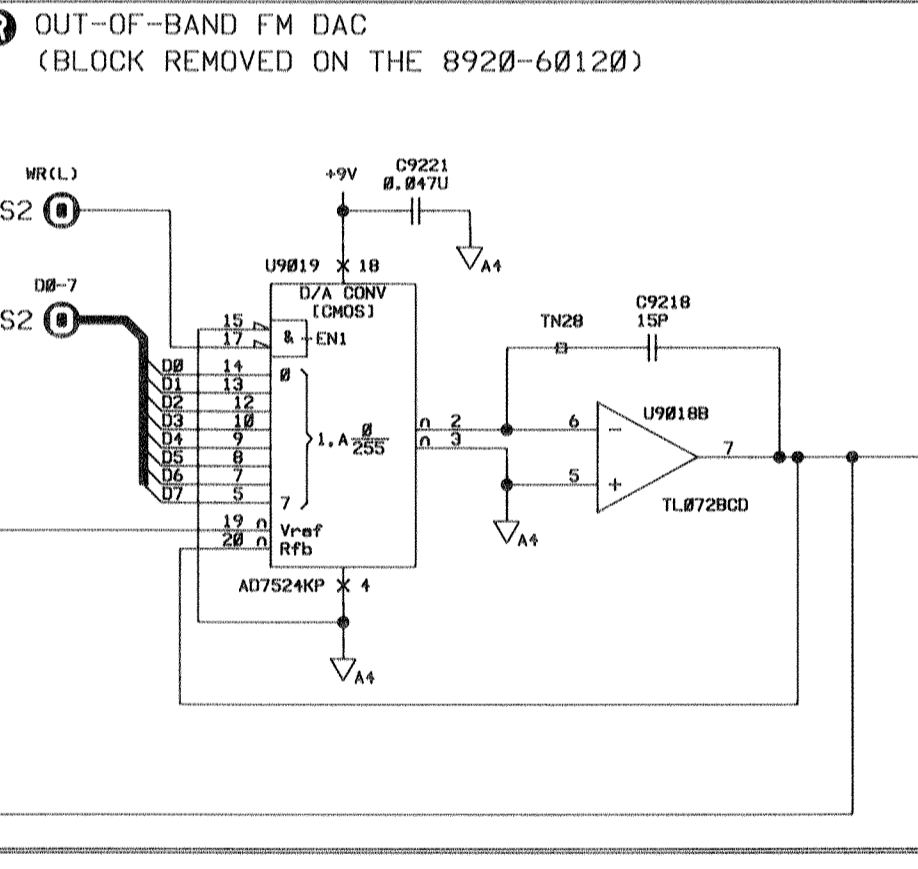
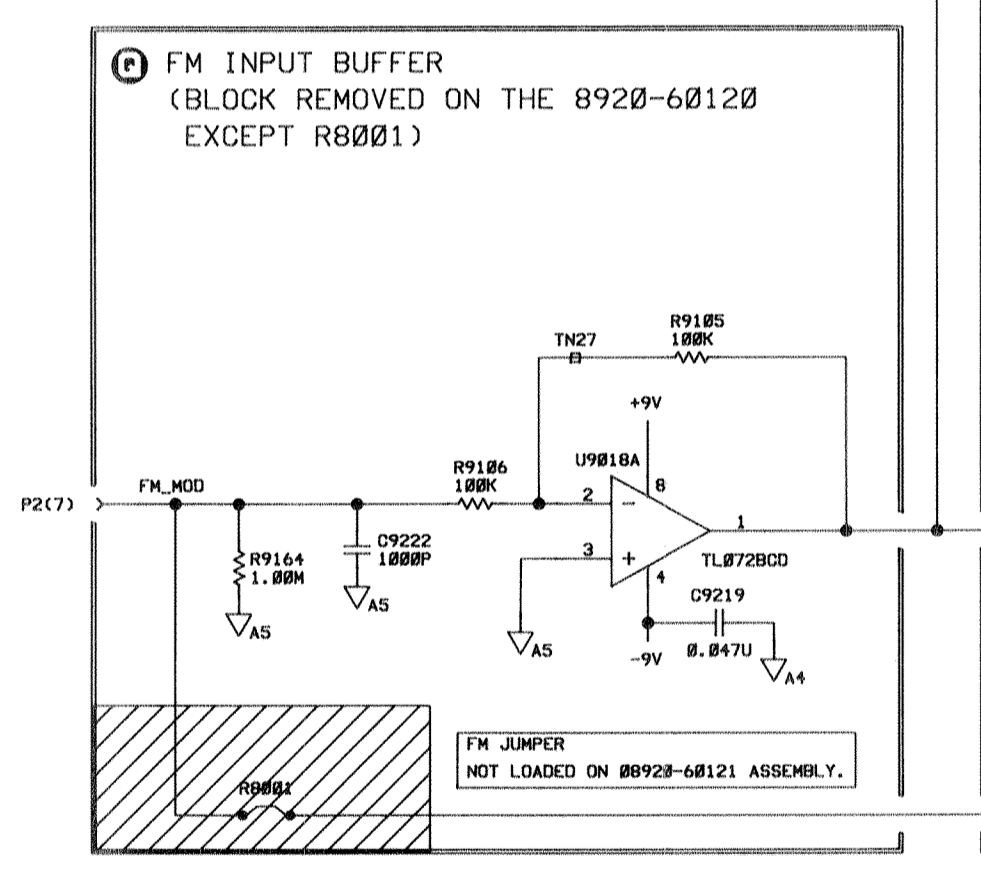
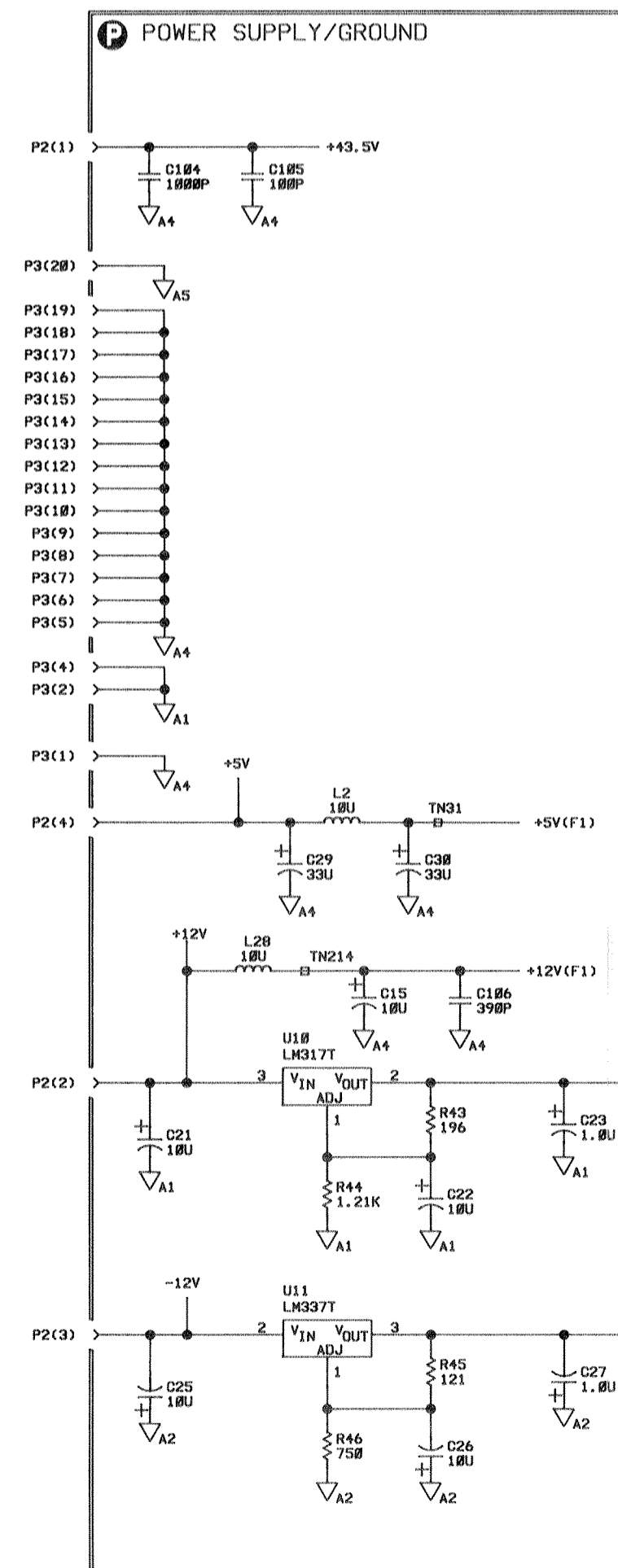
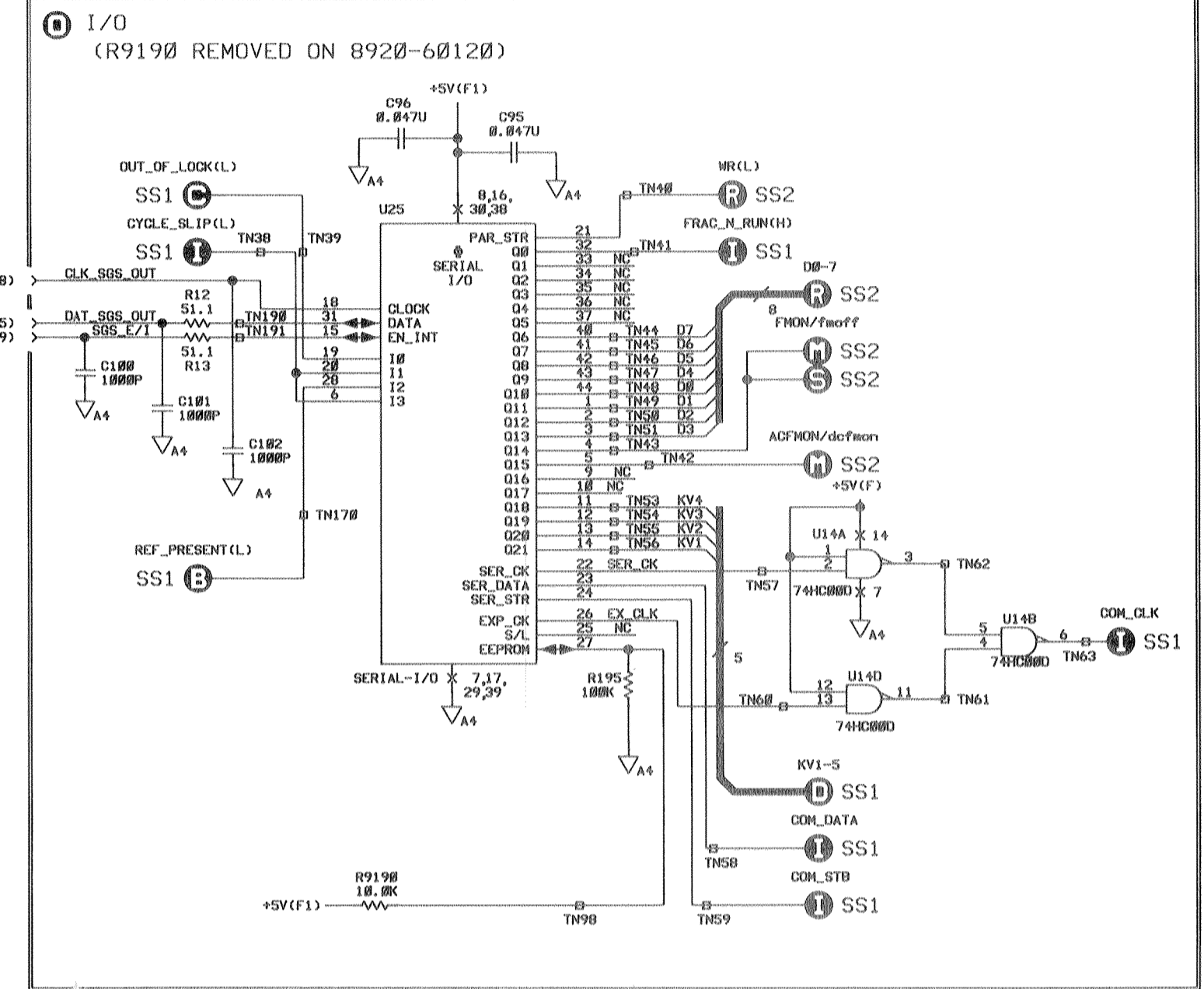
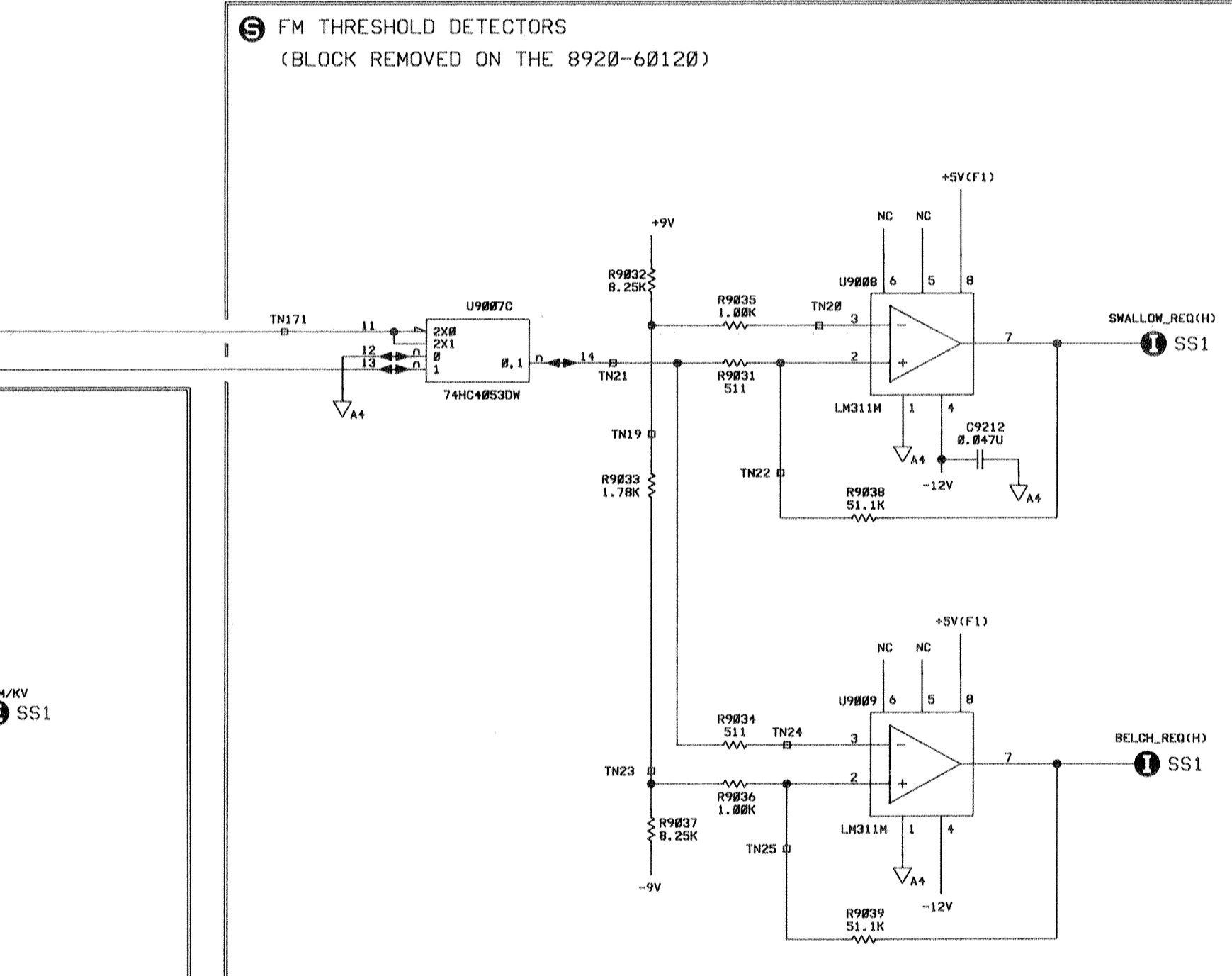
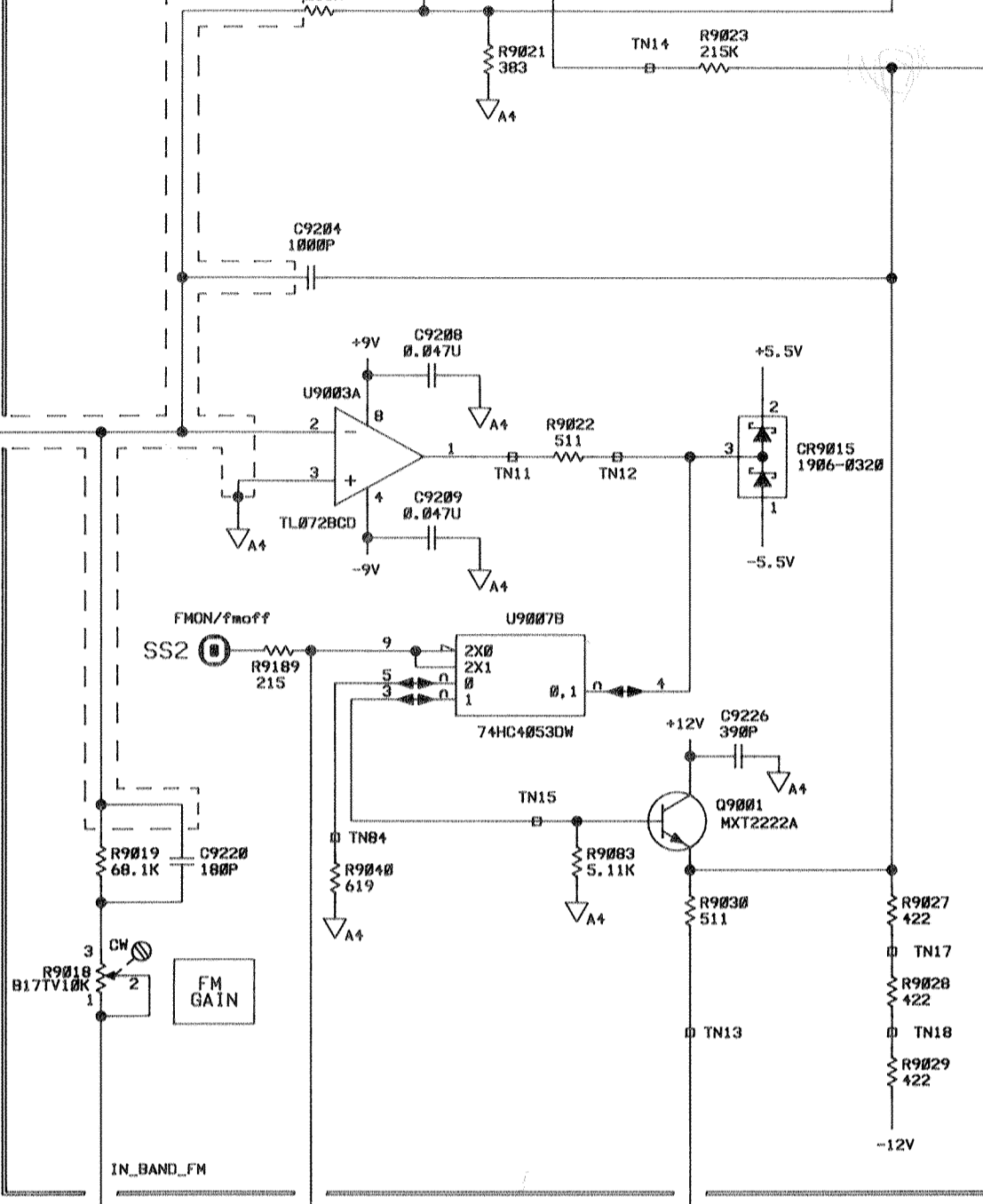
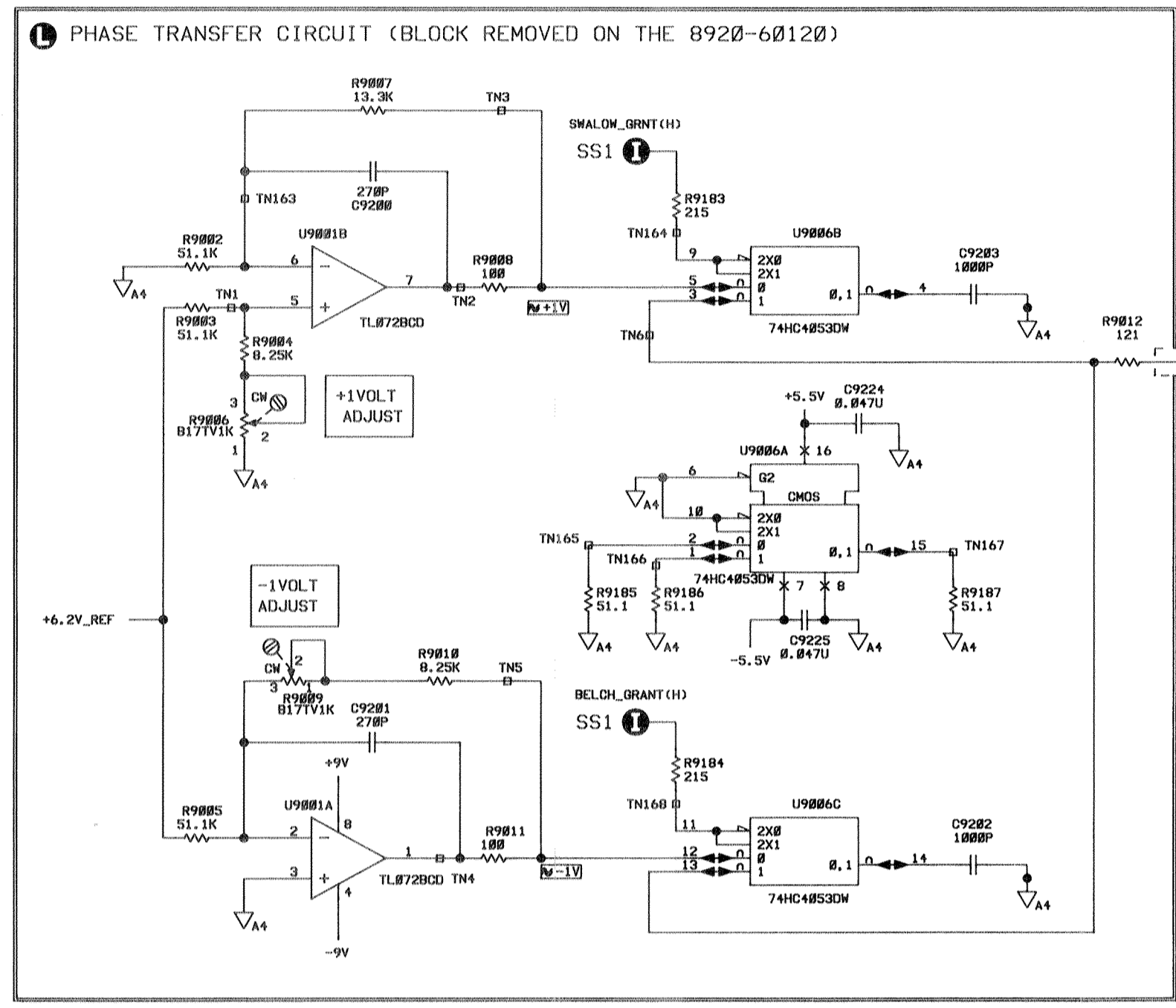
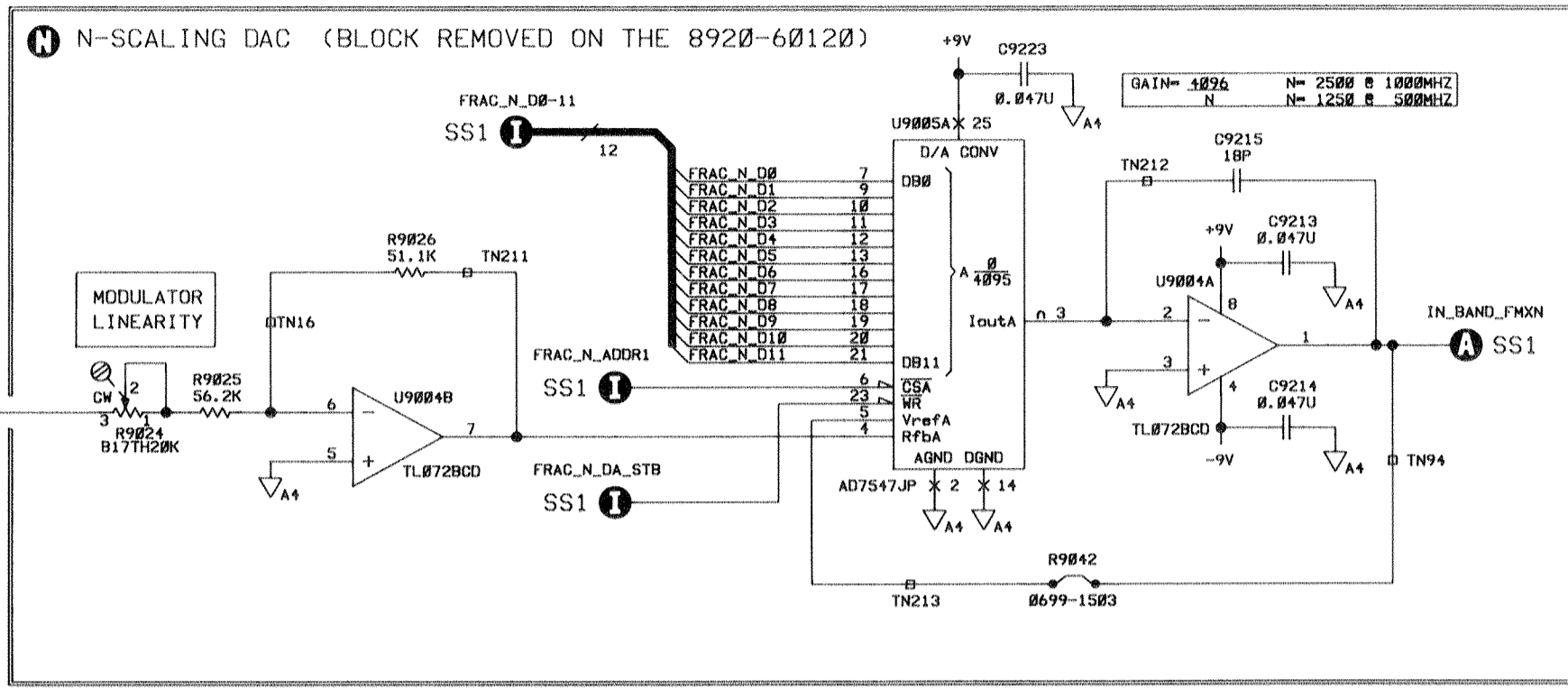
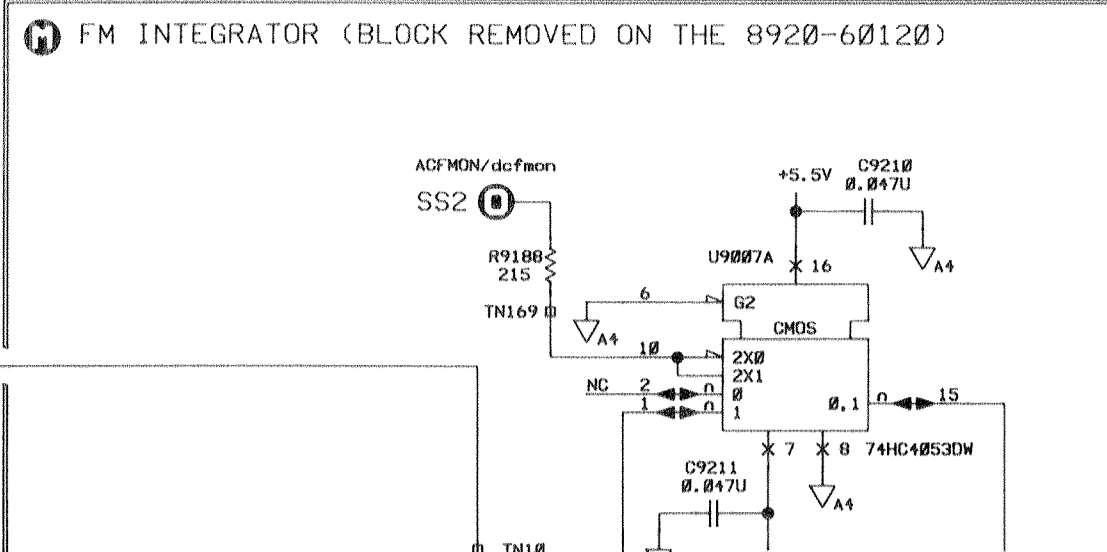
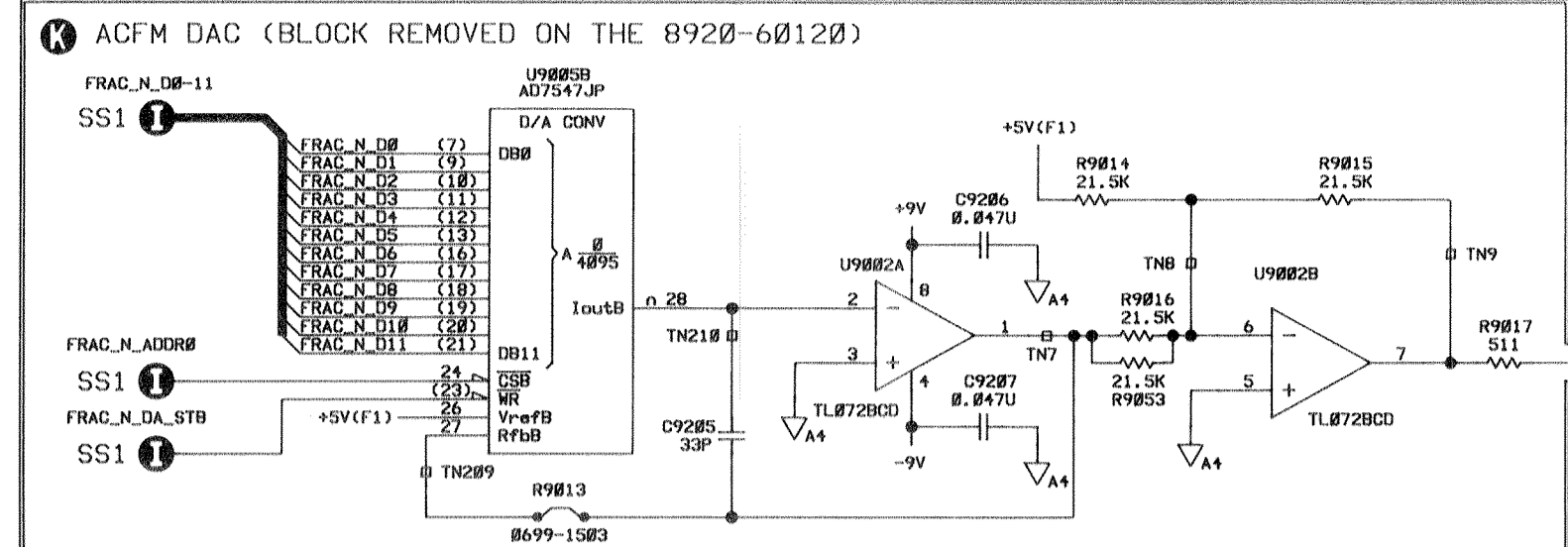
REFERENCE DESIGNATORS STARTING WITH 9XXX ARE NOT LOADED ON THE 08920-60120 ASSEMBLY.
 REFERENCE DESIGNATORS STARTING WITH 8XXX ARE NOT LOADED ON THE 08920-60121 ASSEMBLY.

PROPRIETARY
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DRN BY	22JUL88	SIGNAL GENERATOR SYNTHESIZER SCHEMATIC	PART NUMBER 08920-60121
ENGR	22JUL88		
RELEASE TO PRCD	05MAR91	NEXT ASSEMBLY	SCALE
SUPERSEDES DWG.		FINISH	D-08920-60121-1

ENGINEERING RESPONSIBILITY															
#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

REV	DATE	BY	DESCRIPTION	APPROVED	DATE
C	08/03/91		PER PCO 10-6536 CHG L1, 6-9		08/03/91
D	08/05/91		PER PCO 10-6683 CHG R133-135		08/05/91
E	09/12/91		PER PCO 10-6705 CHG L20, L21		09/12/91
F	04/03/92		PER PCO 10-7051 CHG U20, U21, U22		04/03/92
G	08/03/92		OBSOLETE PER PCO 10-7253		08/03/92



- PC DESIGN**
- ↓A1 = A1 GND
 - ↓A2 = A2 GND
 - ↓A3 = A3 GND
 - ↓A4 = A4 GND
 - ↓A5 = A5 GND

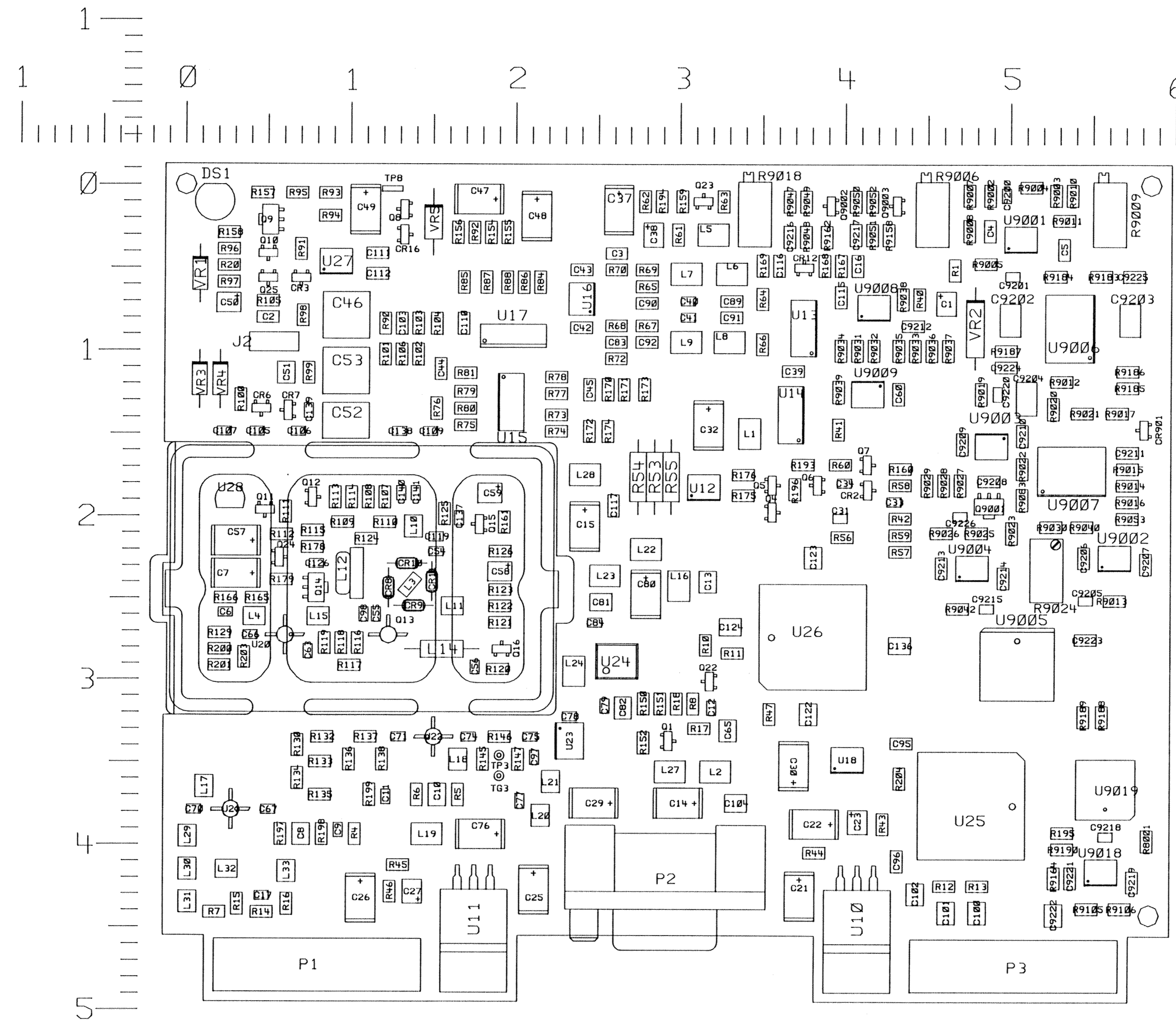
PC NOTES:
 THE 08920-60121 AND THE 08920-60120 ASSEMBLIES USE THE SAME BOARD BLANK.

REFERENCE DESIGNATORS STARTING WITH 9XXX ARE NOT LOADED ON THE 08920-60120 ASSEMBLY.

REFERENCE DESIGNATORS STARTING WITH 8XXX ARE NOT LOADED ON THE 08920-60121 ASSEMBLY.

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DRAWN BY: [REDACTED] ENGINEER: [REDACTED] RELEASE TO PROD.: [REDACTED]	DATE: 22JUL88 DATE: 22JUL88 05MAR91	SIGNAL GENERATOR SYNTHESIZER SCHEMATIC TITLE: [REDACTED] NEXT ASSEMBLY: [REDACTED] SCALE: [REDACTED]	A14 PART NUMBER: 08920-60121 SHEET 20F 2
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08920-60221

Component-Level Information Packet

A15

REFERENCE

08920-61829

8920A COMPONENT LEVEL INFORMATION ERRATA

A15 Reference

Add A15R193:

A15R193, 0699-1432, 1, RES-FXD TF 511OHM +-1% .125W 0+-100TC, 81349, M55342K07B511DR

Add A15U35:

A15U35, 1818-4729, 1, IC-EEPROM CMOS 64X16 3-S 500NS, 27014, NM93C46M8

Change 0515-0655 at A15 to:

A15, 0515-0655, 10, SCR-MACH PH M3X.5 8MM-LG T10 SST, 28480, 0515-0655

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.

8920A COMPONENT LEVEL INFORMATION ERRATA

A15 Reference

Change A15 to:

A15, 08920-61829, 1, REFERENCE (New), 28480, 08920-61829
A15, 08920-69029, 1, REFERENCE (Exchange), 28480, 08920-69029
A15, 08920-60319-1, REF, REFERENCE SCHEMATIC DIAGRAM
A15, 08920-60319-2, REF, REFERENCE COMPONENT LOCATOR

Change A15L13 to:

A15L13, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L19 to:

A15L19, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L20 to:

A15L20, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L21 to:

A15L21, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L23 to:

A15L23, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L24 to:

A15L24, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L26 to:

A15L26, 9140-1203, 1, INDUCTOR-FIXED 56NH +-5% 26Q .33OHM, 24226, SM3-056J

Change A15L30 to:

A15L30, 9140-1206, 1, INDUCTOR-FIXED 100NH +-5% 28Q .44OHM, 24226, SM3-100J

Change A15L35 to:

A15L35, 9140-1202, 1, INDUCTOR-FIXED 47NH +-5% 26Q .30OHM, 7J069, NL322522-047J

Change A15L37 to:

A15L37, 9140-1203, 1, INDUCTOR-FIXED 56NH +-5% 26Q .33OHM, 24226, SM3-056J

Change A15L38 to:

A15L38, 9140-1203, 1, INDUCTOR-FIXED 56NH +-5% 26Q .33OHM, 24226, SM3-056J

Change A15L39 to:

A15L39, 9140-1203, 1, INDUCTOR-FIXED 56NH +-5% 26Q .33OHM, 24226, SM3-056J

Change A15R127 to:

A15R127, 0699-1422, 1, RES-FXD TF 196OHM +-1% .125W 0+-100TC, 81349, M55342K07B196DR

Change A15R158 to:

A15R158, 0699-1350, 1, RES-FXD TF 17.8OHM +-1% .125W 0+-100TC, 81349, M55342K07B17D8R

Change A15R159 to:

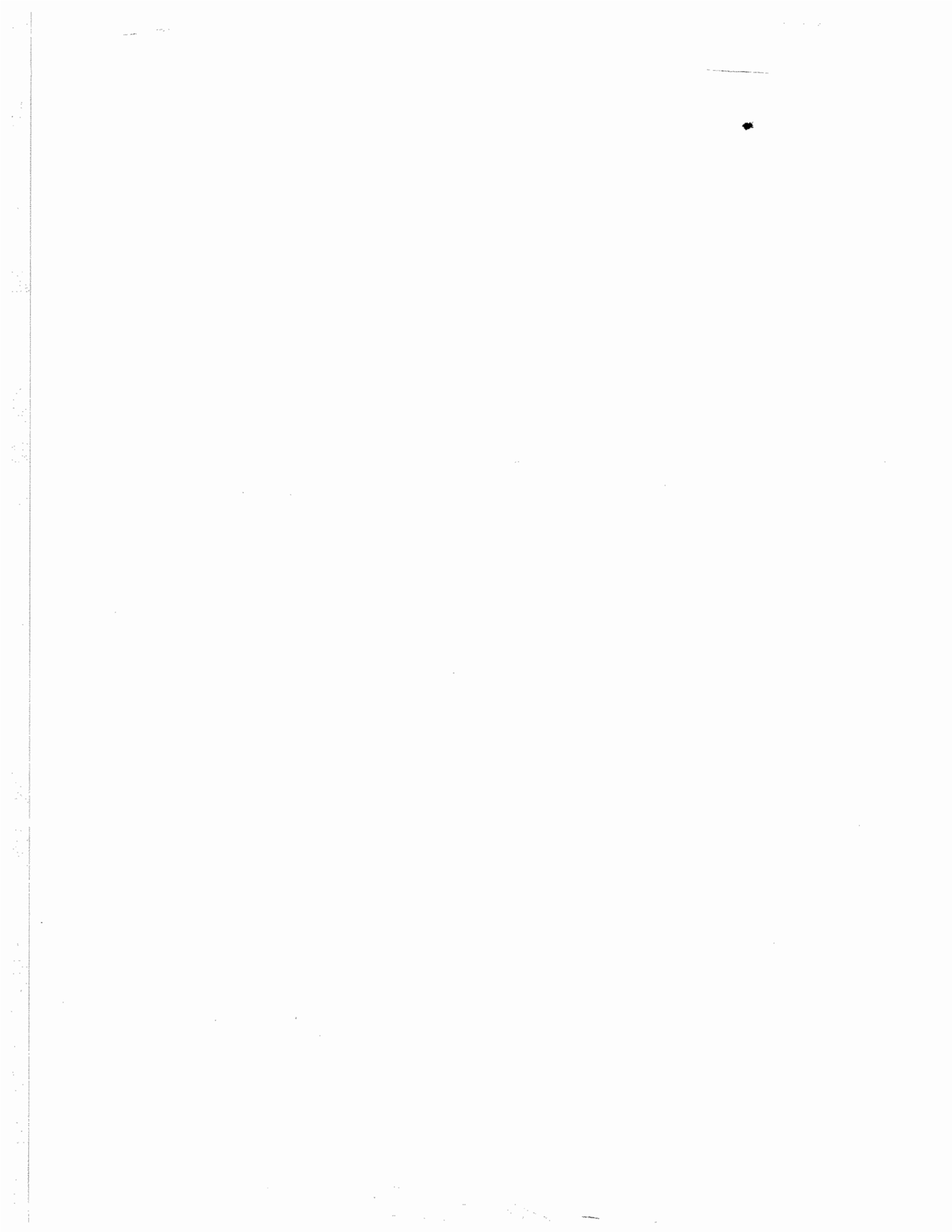
A15R159, 0699-1350, 1, RES-FXD TF 17.8OHM +-1% .125W 0+-100TC, 81349, M55342K07B17D8R

Change A15R160 to:

A15R160, 0699-1363, 1, RES-FXD TF 61.9OHM +-1% .125W 0+-100TC, 81349, M55342K07B61D9R

A10 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A10	08920-69156	1	POWER SUPPLY REGULATOR (Exchange)	28480	08920-69156
A10	08920-60256-1	REF	POWER SUPPLY REGULATOR SCHEMATIC DIAGRAM		
A10	08920-60256-2	REF	POWER SUPPLY REGULATOR COMPONENT LOCATOR		
A10C1	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A10C2	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A10C3	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A10C4	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A10C5	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A10C7	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A10C8	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A10C10	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A10C11	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A10C12	0160-6729	1	CAP-FXD 3300PF +-10% 50V CER X7R	7J069	C3216X7R1H332K
A10C13	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A10C14	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A10C15	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A10J1	1252-2199	1	CONN-POST TYPE .156-PIN-SPCG 11-CONT	00779	1-641207-1
A10J2	1252-1919	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	00779	641216-2
A10Q1	1855-0818	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	04713	MTP20P06
A10Q2	1855-0645	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220	04713	BUZ11
A10Q3	1855-0645	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220	04713	BUZ11
A10R1	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A10R2	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A10R3	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A10R4	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A10R5	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A10R7	0699-1320	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	81349	M55342K07R19E6R
A10R8	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A10R9	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A10R10	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A10R11	0699-1320	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	81349	M55342K07R19E6R
A10R12	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A10R14	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A10R16	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A10R17	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A10R18	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A10R19	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A10R20	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A10R21	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A10TP1	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BS-SZ SQ	27264	16-06-0034
A10U1	1826-2165	1	IC V RGLTR-V-REF-FXD 9.99/10.0V 10MA	24355	AD587JR
A10U2	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPQ QUAD 14 PIN	01295	TL074CD
A10	0515-0372	3	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-0372
A10	0515-2126	3	SCREW-MACH M3 X 0.5 6MM-LG	28480	0515-2126
A10	1205-0769	3	HEAT SINK SGL TO-220-CS	98978	LAE66A2CB



A15 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15 (Cont'd)	08920-61829	REF	REFERENCE	28480	08920-61829
A15C53	0180-4287	1	CAP-FXD 10UF +20% 35V TA	31433	T491D106M050AS
A15C54	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C55	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C56	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C57	0160-5951	1	CAP-FXD 390PF +5% 50V CER COG	81349	CDR01BX391BJWM
A15C58	0160-5980	1	CAP-FXD 1.8PF +27.78% 50V CER COG	51406	GRM40-001C0G1R8D050C
A15C59	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C60	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C62	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C63	0160-5965	1	CAP-FXD 150PF +5% 50V CER COG	81349	CDR01BP151BJWM
A15C64	0160-5954	1	CAP-FXD 220PF +5% 50V CER COG	81349	CDR01BX221BJWM
A15C67	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A15C68	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A15C69	0160-5978	1	CAP-FXD 2.2PF +22.73% 50V CER COG	51406	GRM40-001C0G2R2C050C
A15C70	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C71	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C72	0160-6100	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR32BP102BJWM
A15C75	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C101	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C102	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C103	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C104	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C105	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C107	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C108	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C110	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C111	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C112	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C115	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C117	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C118	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C119	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C120	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C121	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C208	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C211	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C220	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C221	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C224	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C225	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C226	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C227	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C228	0160-5951	1	CAP-FXD 390PF +5% 50V CER COG	81349	CDR01BX391BJWM
A15C229	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C300	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C301	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C302	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C303	0160-6100	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR32BP102BJWM
A15C304	0160-6100	1	CAP-FXD 1000PF +5% 50V CER COG	81349	CDR32BP102BJWM
A15C306	0160-6097	1	CAP-FXD 560PF +5% 50V CER COG	81349	CDR32BP561BJWM

A15 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15	08920-61829	1	REFERENCE (New)	28480	08920-61829
A15	08920-69029	1	REFERENCE (Exchange)	28480	08920-69029
A15	08920-60219-1	REF	REFERENCE SCHEMATIC DIAGRAM		
A15	08920-60219-2	REF	REFERENCE COMPONENT LOCATOR		
A15C1	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C2	0160-6097	1	CAP-FXD 560PF +5% 50V CER COG	81349	CDR32BP561BJWM
A15C3	0160-6097	1	CAP-FXD 560PF +5% 50V CER COG	81349	CDR32BP561BJWM
A15C4	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C5	0160-6735	1	CAP-FXD 4700PF +10% 50V CER X7R	81349	CDR32BX472BKWM
A15C6	0160-6735	1	CAP-FXD 4700PF +10% 50V CER X7R	81349	CDR32BX472BKWM
A15C8	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C9	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C10	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C11	0160-5965	1	CAP-FXD 150PF +5% 50V CER COG	81349	CDR01BP151BJWM
A15C12	0180-3750	1	CAP-FXD 0.47UF +20% 35V TA	33297	NRS474M35R8
A15C13	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C14	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C15	0160-5974	1	CAP-FXD 8.2PF +6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A15C16	0180-3750	1	CAP-FXD 0.47UF +20% 35V TA	33297	NRS474M35R8
A15C17	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C18	0160-6098	1	CAP-FXD 680PF +5% 50V CER COG	81349	CDR32BP681BJWM
A15C19	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A15C20	0160-5952	1	CAP-FXD 330PF +5% 50V CER COG	81349	CDR01BX331BJWM
A15C21	0160-5952	1	CAP-FXD 330PF +5% 50V CER COG	81349	CDR01BX331BJWM
A15C22	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C23	0160-5952	1	CAP-FXD 330PF +5% 50V CER COG	81349	CDR01BX331BJWM
A15C24	0160-5952	1	CAP-FXD 330PF +5% 50V CER COG	81349	CDR01BX331BJWM
A15C25	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A15C26	0160-6097	1	CAP-FXD 560PF +5% 50V CER COG	81349	CDR32BP561BJWM
A15C27	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C28	0180-4287	1	CAP-FXD 10UF +20% 35V TA	31433	T491D106M050AS
A15C29	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C30	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C31	0180-4287	1	CAP-FXD 10UF +20% 35V TA	31433	T491D106M050AS
A15C32	0160-5971	1	CAP-FXD 4.7PF +10.64% 50V CER COG	51406	GRM40-001C0G4R7D050C
A15C35	0160-5951	1	CAP-FXD 390PF +5% 50V CER COG	81349	CDR01BX391BJWM
A15C36	0160-5951	1	CAP-FXD 390PF +5% 50V CER COG	81349	CDR01BX391BJWM
A15C37	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C38	0180-4287	1	CAP-FXD 10UF +20% 35V TA	31433	T491D106M050AS
A15C39	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A15C40	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C44	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C45	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A15C47	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C48	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A15C49	0160-5942	1	CAP-FXD 1PF +25% 50V CER COG	54583	C2012C0G1H1R0C
A15C50	0160-5965	1	CAP-FXD 150PF +5% 50V CER COG	81349	CDR01BP151BJWM
A15C51	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A15C52	0180-4287	1	CAP-FXD 10UF +20% 35V TA	31433	T491D106M050AS

A15 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15 (Cont'd)	08920-61829	REF	REFERENCE	28480	08920-61829
A15L8	9140-1121	1	INDUCTOR 100UH +5% Q=50 SRF=8MHZ	7J069	NL453232-101J-3
A15L9	9140-1115	1	INDUCTOR 22UH +5% Q=50 SRF=13MHZ	7J069	NL453232-220J-3
A15L10	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A15L11	08920-00079	1	REACTOR	28480	08920-00079
A15L12	9140-1196	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A15L13	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L14	9140-1098	1	INDUCTOR 150NH +5% Q=30 SRF=450MHZ	7J069	NL322522-R15J-3
A15L15	9140-1103	1	INDUCTOR 680NH +5% 2.8W-MMX3.4LG-MM	7J069	NL322522-R68J-3
A15L16	9140-1117	1	INDUCTOR 47UH +5% Q=50 SRF=10MHZ	7J069	NL453232-470J-3
A15L17	9140-1121	1	INDUCTOR 100UH +5% Q=50 SRF=8MHZ	7J069	NL453232-101J-3
A15L18	9140-1122	1	INDUCTOR 150UH +5% Q=40 SRF=5MHZ	7J069	NL453232-151J-3
A15L19	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L20	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L21	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L22	9140-1098	1	INDUCTOR 150NH +5% Q=30 SRF=450MHZ	7J069	NL322522-R15J-3
A15L23	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L24	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L25	9140-1115	1	INDUCTOR 22UH +5% Q=50 SRF=13MHZ	7J069	NL453232-220J-3
A15L26	9140-1542	1	INDUCTOR 56NH +5% Q=26 SRF=1.1GHZ	7J069	NL322522-056J
A15L27	9140-1103	1	INDUCTOR 680NH +5% 2.8W-MMX3.4LG-MM	7J069	NL322522-R68J-3
A15L30	9140-1545	1	INDUCTOR 100NH +5% Q=28 SRF=700MHZ	7J069	NL322522-R10J
A15L31	9140-1557	1	INDUCTOR 10NH +10% Q=40 SRF=2.5GHZ	24226	SM3-010K
A15L32	9140-1561	1	INDUCTOR 22NH +5% Q=40 SRF=2.5GHZ	24226	SM3-022J
A15L33	9140-1098	1	INDUCTOR 150NH +5% Q=30 SRF=450MHZ	7J069	NL322522-R15J-3
A15L34	9140-1566	1	INDUCTOR 56NH +5% Q=40 SRF=1GHZ	24226	SM3-056J
A15L35	9140-1541	1	INDUCTOR 47NH +5% Q=26 SRF=1.2GHZ	7J069	NL322522-047J
A15L36	9140-1098	1	INDUCTOR 150NH +5% Q=30 SRF=450MHZ	7J069	NL322522-R15J-3
A15L37	9140-1542	1	INDUCTOR 56NH +5% Q=26 SRF=1.1GHZ	7J069	NL322522-056J
A15L38	9140-1542	1	INDUCTOR 56NH +5% Q=26 SRF=1.1GHZ	7J069	NL322522-056J
A15L39	9140-1542	1	INDUCTOR 56NH +5% Q=26 SRF=1.1GHZ	7J069	NL322522-056J
A15L40	9140-1557	1	INDUCTOR 10NH +10% Q=40 SRF=2.5GHZ	24226	SM3-010K
A15L41	9140-1557	1	INDUCTOR 10NH +10% Q=40 SRF=2.5GHZ	24226	SM3-010K
A15L42	9140-1105	1	INDUCTOR 1UH +5% Q=50 SRF=100MHZ	7J069	NL453232-1R0J-3
A15L43	9140-1121	1	INDUCTOR 100UH +5% Q=50 SRF=8MHZ	7J069	NL453232-101J-3
A15L44	9140-1121	1	INDUCTOR 100UH +5% Q=50 SRF=8MHZ	7J069	NL453232-101J-3
A15L45	9140-1121	1	INDUCTOR 100UH +5% Q=50 SRF=8MHZ	7J069	NL453232-101J-3
A15P1	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A15P2	1252-3780	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	747844-2
A15P3	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A15Q5	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	27014	MMBT4401
A15Q6	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	04713	MRF581
A15Q8	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A15Q10	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A15Q11	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A15Q12	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A15R2	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A15R7	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A15R9	0699-1358	1	RESISTOR 38.3 +-1% .125W TF TC=0+-100	81349	M55342K07R38D3R
A15R11	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R12	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR

A15 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15 (Cont'd)	08920-61829	REF	REFERENCE	28480	08920-61829
A15C307	0160-6097	1	CAP-FXD 560PF +-5% 50V CER COG	81349	CDR32BP561BJWM
A15C308	0160-6100	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR32BP102BJWM
A15C309	0160-6100	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR32BP102BJWM
A15C310	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C311	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C312	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C316	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C317	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C318	0160-5980	1	CAP-FXD 1.8PF +-27.78% 50V CER COG	51406	GRM40-001COG1R8D050C
A15C319	0160-5970	1	CAP-FXD 3.9PF +-6.41% 50V CER COG	51406	GRM40-001COG3R9C050C
A15C320	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A15C321	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A15C322	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C323	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C324	0160-5974	1	CAP-FXD 8.2PF +-6.1% 50V CER COG	51406	GRM40-001COG8R2D050C
A15C325	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C332	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A15C333	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A15C334	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C335	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A15C336	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C337	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C338	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C339	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A15C340	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C341	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C342	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A15C343	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15C344	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A15CR1	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A15CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A15CR3	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR4	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR5	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR6	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR11	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A15CR14	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A15CR15	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A15CR16	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR22	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR23	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A15CR24	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A15J1	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	28480	1251-4670
A15J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	28480	1251-4670
A15L1	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A15L2	9140-1110	1	INDUCTOR 5.6UH +-5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A15L3	9140-1110	1	INDUCTOR 5.6UH +-5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A15L5	9140-1105	1	INDUCTOR 1UH +-5% Q=50 SRF=100MHZ	7J069	NL453232-1R0J-3
A15L6	9140-1112	1	INDUCTOR 8.2UH +-5% Q=50 SRF=25MHZ	7J069	NL453232-8R2J-3
A15L7	9140-1122	1	INDUCTOR 150UH +-5% Q=40 SRF=5MHZ	7J069	NL453232-151J-3

A15 Replaceable Parts

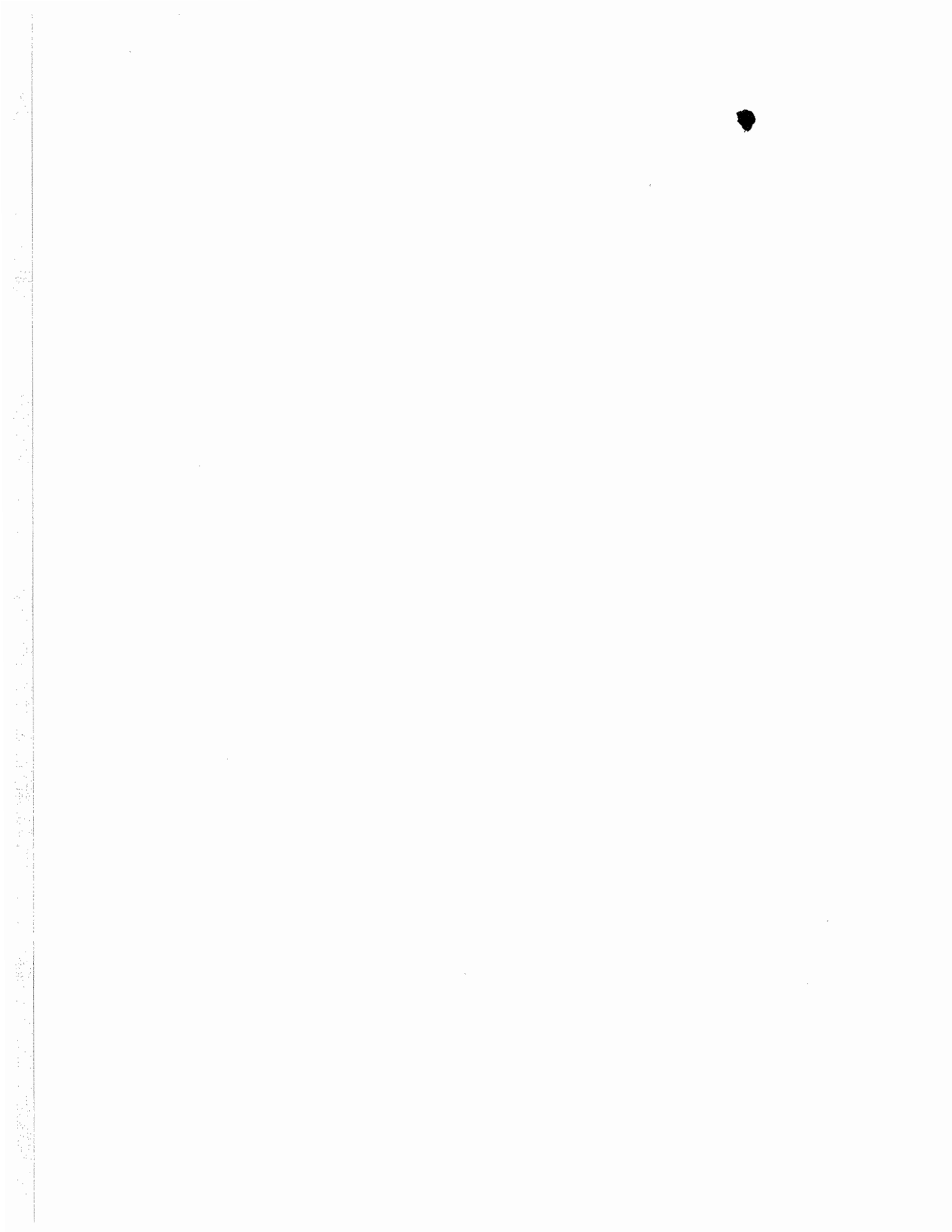
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15 (Cont'd)	08920-61829	REF	REFERENCE	28480	08920-61829
A15R104	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R105	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R109	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R110	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R111	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R112	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R113	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A15R116	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A15R117	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A15R119	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R120	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A15R121	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A15R126	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A15R127	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A15R128	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A15R129	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R130	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R133	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A15R135	0699-1358	1	RESISTOR 38.3 +-1% .125W TF TC=0+-100	81349	M55342K07R38D3R
A15R136	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A15R137	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A15R138	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A15R141	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A15R142	0699-1390	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	81349	M55342K07R9E09R
A15R145	0699-1332	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196ER
A15R146	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A15R147	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A15R148	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A15R149	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A15R150	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A15R151	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	11502	W1206R032501BT
A15R154	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R155	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A15R156	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A15R157	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A15R158	0699-1352	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	81349	M55342K07R21D5R
A15R159	0699-1352	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	81349	M55342K07R21D5R
A15R160	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A15R166	0699-1355	1	RESISTOR 28.7 +-1% .125W TF TC=0+-100	81349	M55342K07R28D7R
A15R167	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A15R168	0699-1355	1	RESISTOR 28.7 +-1% .125W TF TC=0+-100	81349	M55342K07R28D7R
A15R169	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R173	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R174	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A15R180	0699-1453	1	RESISTOR 464K +-1% .125W TF TC=0+-100	81349	M55342K07R464ER
A15R181	0699-1360	1	RESISTOR 46.4 +-1% .125W TF TC=0+-100	81349	M55342K07R46D4R
A15R182	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A15R183	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A15R186	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	11502	W1206R035001BT
A15R189	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R

A15 Replaceable Parts

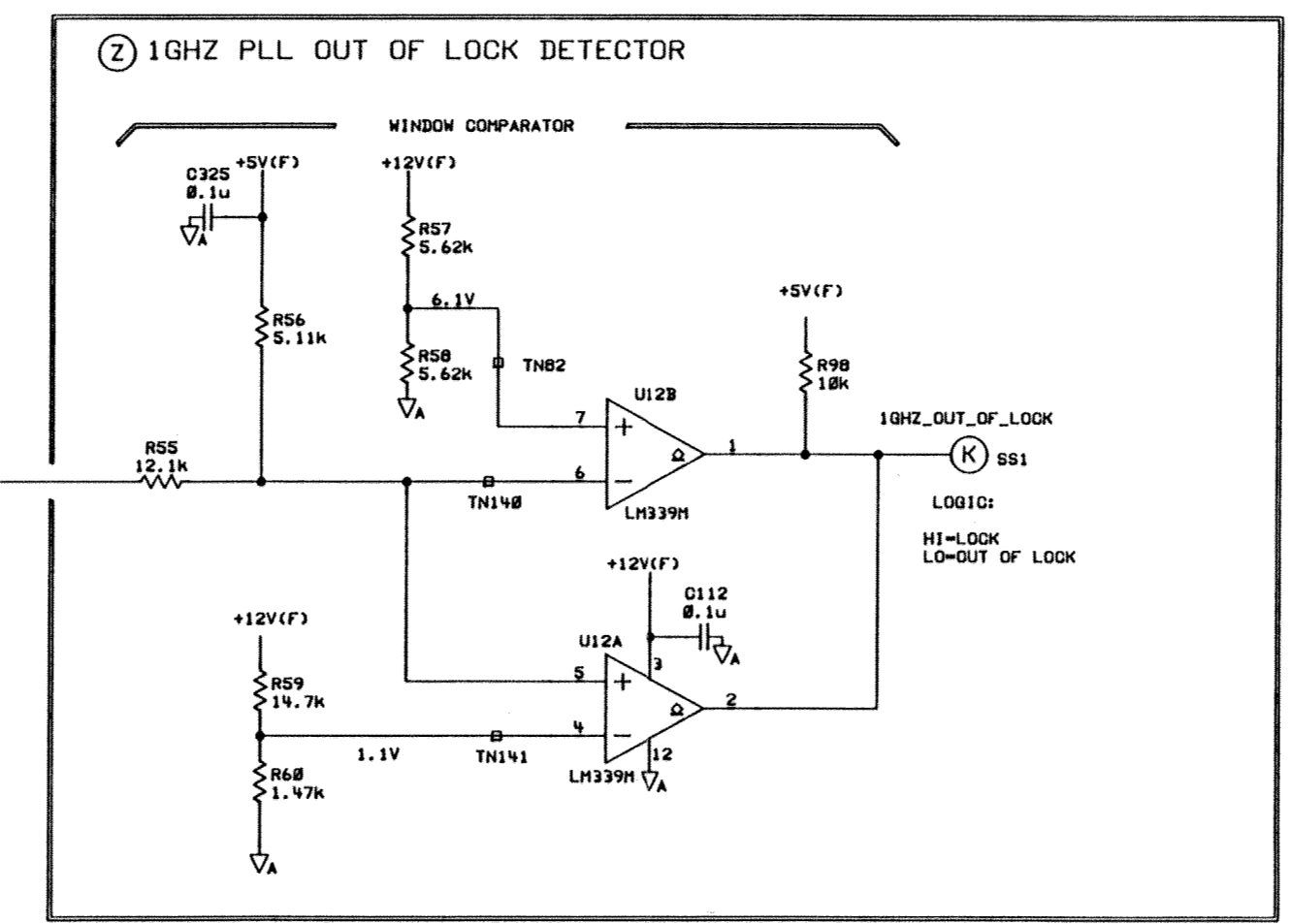
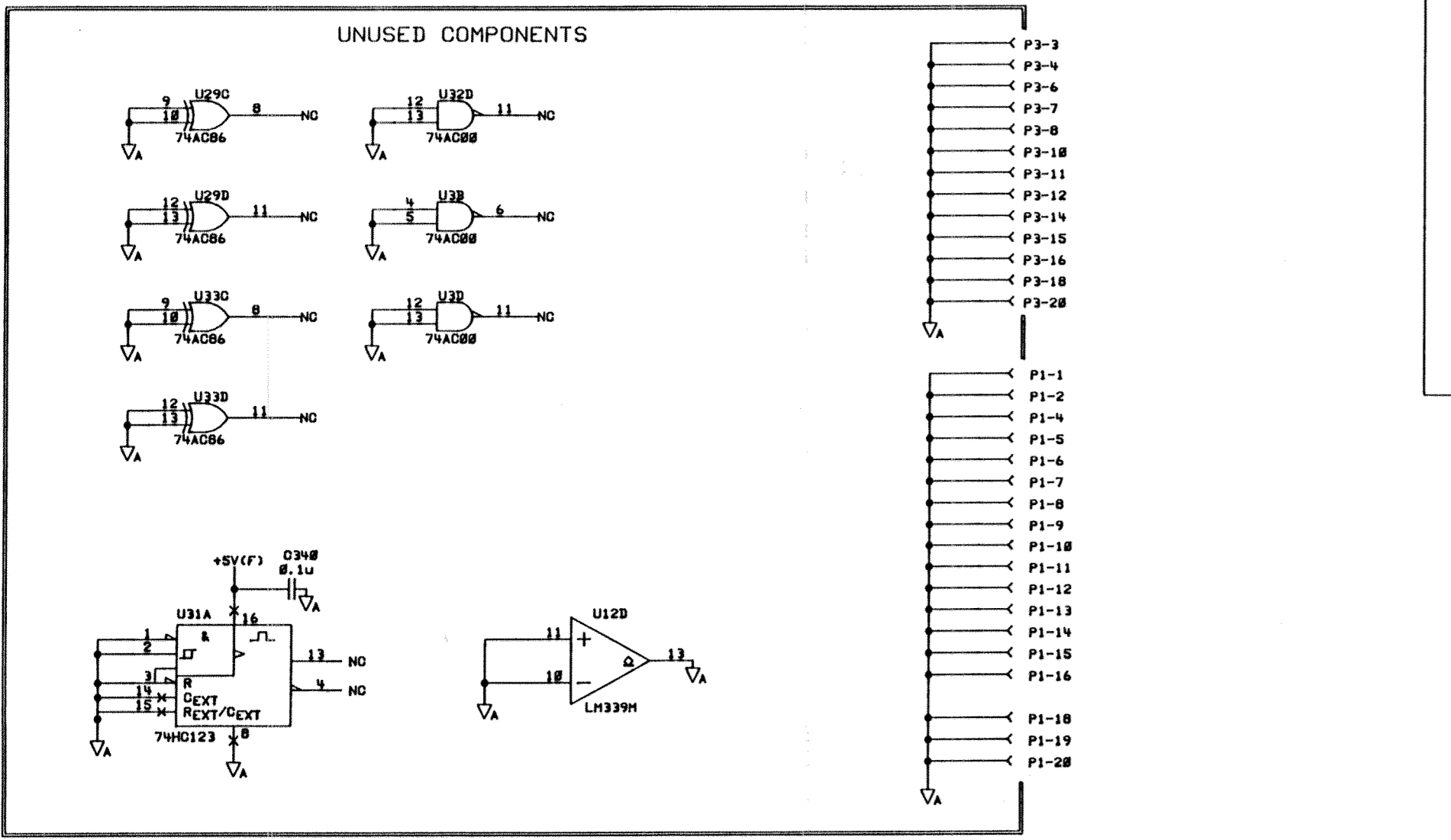
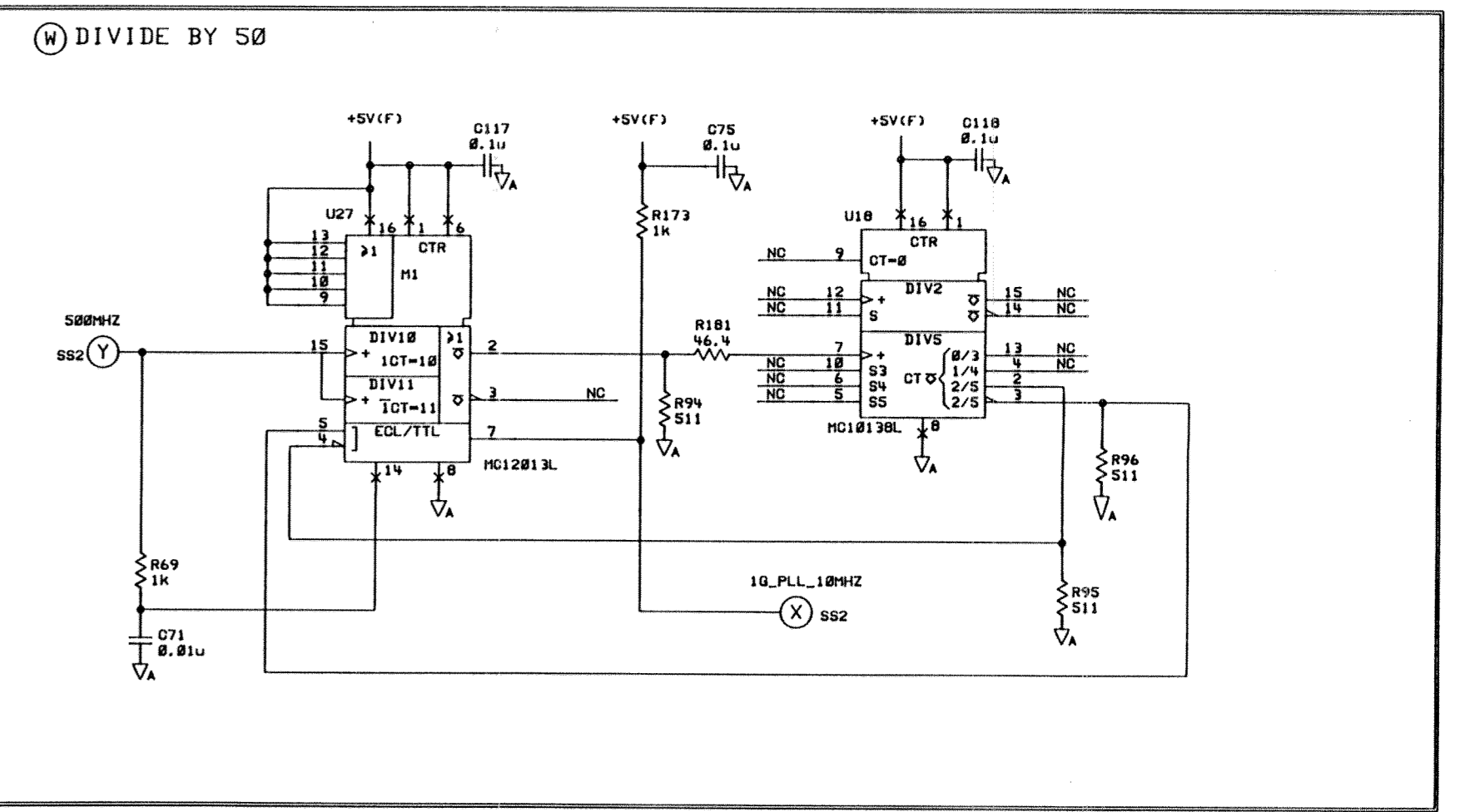
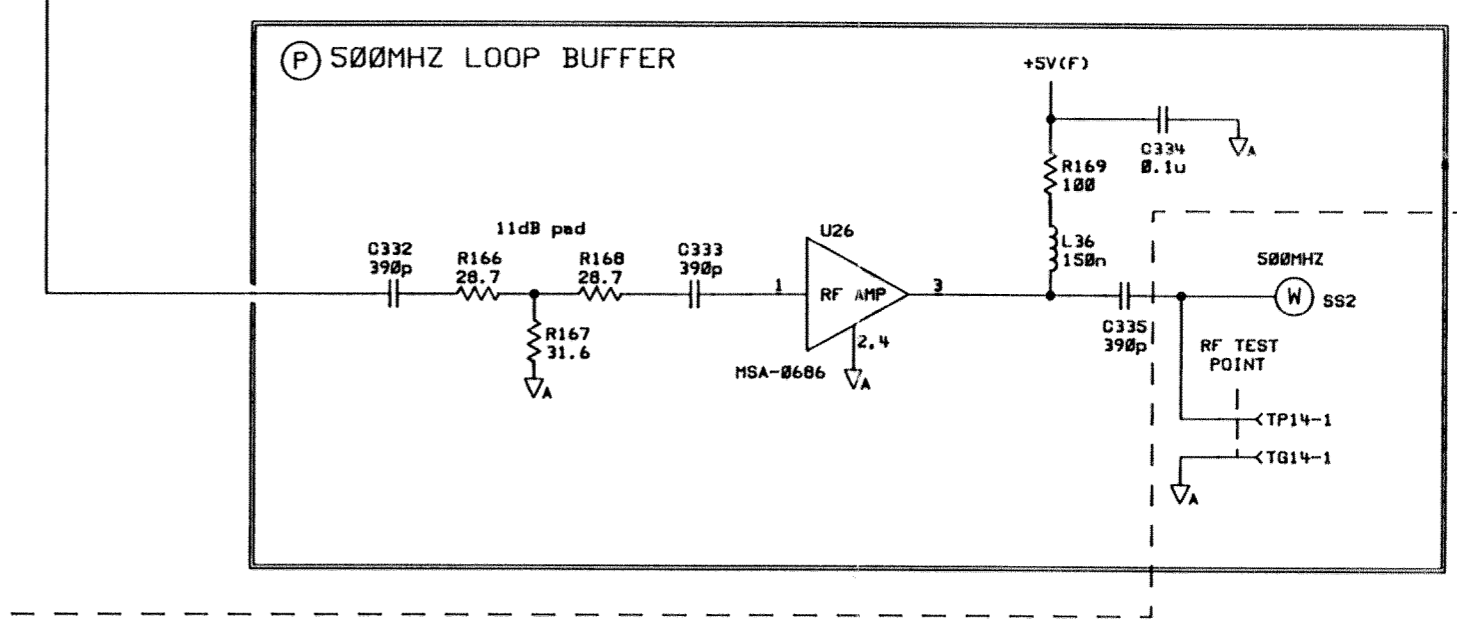
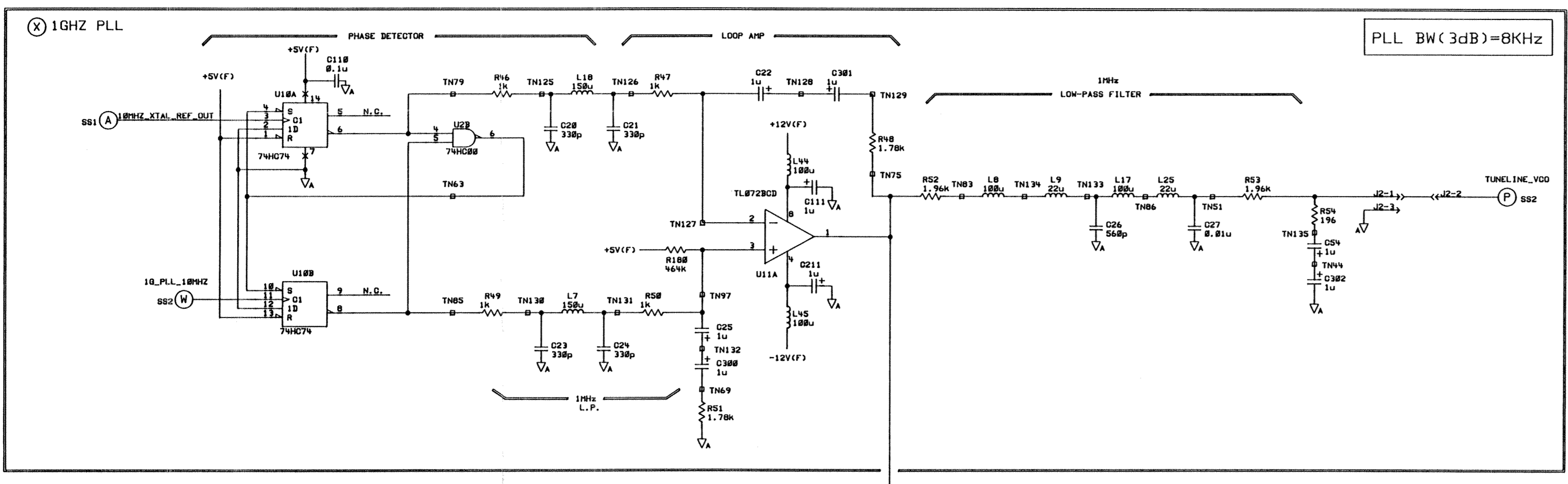
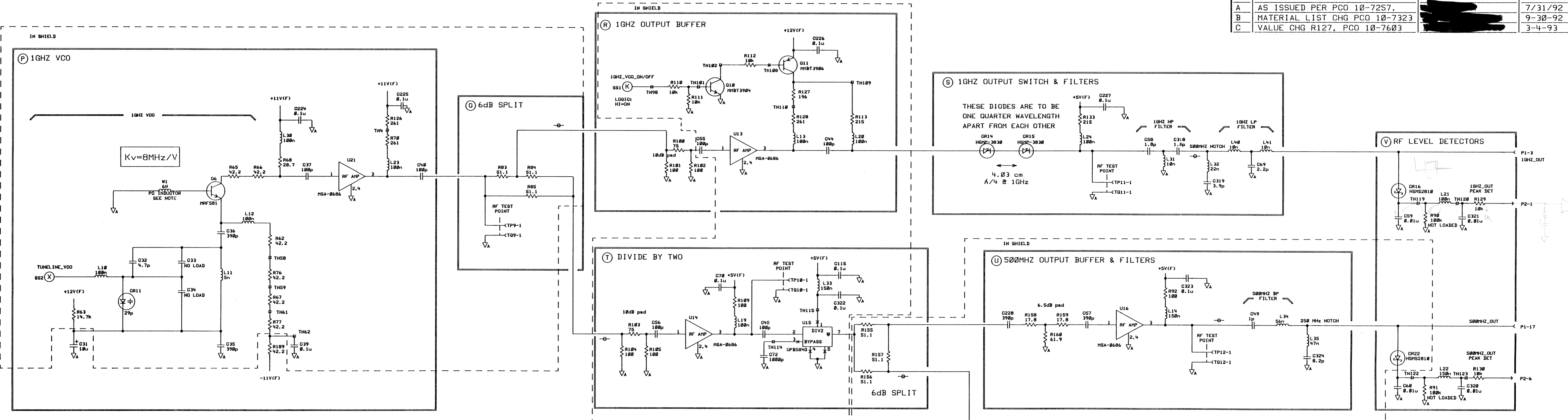
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15 (Cont'd)	08920-61829	REF	REFERENCE	28480	08920-61829
A15R16	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R22	0699-1320	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	81349	M55342K07R19E6R
A15R24	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A15R25	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R26	0699-1338	1	RESISTOR 511K +-1% .125W TF TC=0+-100	81349	M55342K07R511ER
A15R27	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R28	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R29	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A15R32	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R44	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A15R46	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R47	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R48	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A15R49	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R50	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R51	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A15R52	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A15R53	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A15R54	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A15R55	0699-1319	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	81349	M55342K07R12E1R
A15R56	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A15R57	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A15R58	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A15R59	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A15R60	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A15R61	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R62	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A15R63	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A15R65	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A15R66	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A15R67	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A15R68	0699-1355	1	RESISTOR 28.7 +-1% .125W TF TC=0+-100	81349	M55342K07R28D7R
A15R69	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R70	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A15R76	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A15R77	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A15R78	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A15R83	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A15R84	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A15R85	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A15R92	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R94	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A15R95	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A15R96	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A15R97	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	11502	W1206R032501BT
A15R98	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A15R100	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A15R101	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R102	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A15R103	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R

A15 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A15 (Cont'd)	08920-61829	REF	REFERENCE	28480	08920-61829
A15R191	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A15TG9	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TG10	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TG11	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TG12	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TG14	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TP9	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TP10	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TP11	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TP12	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15TP14	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A15U1	1813-0835	1	OSC-XTAL 10-MHZ 12V-INPUT TEMP-COMP	11236	970-4302-1
A15U2	1820-4692	1	IC GATE CMOS/HC NAND QUAD 2-INP	01295	SN74HC00D
A15U3	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A15U4	1820-6247	1	IC CNTR CMOS/HC DECD ASYNCHRO	18324	74HC390D
A15U5	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A15U7	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A15U8	1826-1458	1	D/A 8-DGT 16-P-SOIC	18324	DAC-08ED
A15U10	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A15U11	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A15U12	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A15U13	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A15U14	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A15U15	1820-6958	1	IC PRESCR ECL	33297	UPB584G
A15U16	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A15U18	1820-1383	1	IC CNTR ECL/10K BCD POS-EDGE-TRIG	28480	1820-1383
A15U19	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A15U20	1826-1458	1	D/A 8-DGT 16-P-SOIC	18324	DAC-08ED
A15U21	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A15U23	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A15U26	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A15U27	1820-1888	1	IC PRESCALER ECL	04713	MC12013P
A15U29	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	27014	74AC86SC
A15U30	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A15U31	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	27014	MM74HC123AM
A15U32	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	27014	74AC00SC
A15U33	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	27014	74AC86SC
A15U34	1826-1687	1	IC V RGLTR-V-REF-FXD 9.95/10.05V	64155	LT1021DCS8-10
A15	0515-1753	10	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-1753
A15	08920-00030	6	SHIELD, ELECTRICAL	28480	08920-00030
A15	08920-00033	3	COVER, EMI SHIELDING	28480	08920-00033
A15	08920-00088	1	INSULATOR, PLATE	28480	08920-00088
A15	08920-40009	2	EXTRACTOR, ELECTRICAL CARD	28480	08920-40009
A15	08920-40016	2	RETAINER, EXTRACTOR	28480	08920-40016
A15	1258-0209	2	JUMPER-REMOVABLE 2-POS .250-IN	22526	68786-202
A15	5061-4836	1	HOUSING, CCA	28480	5061-4836



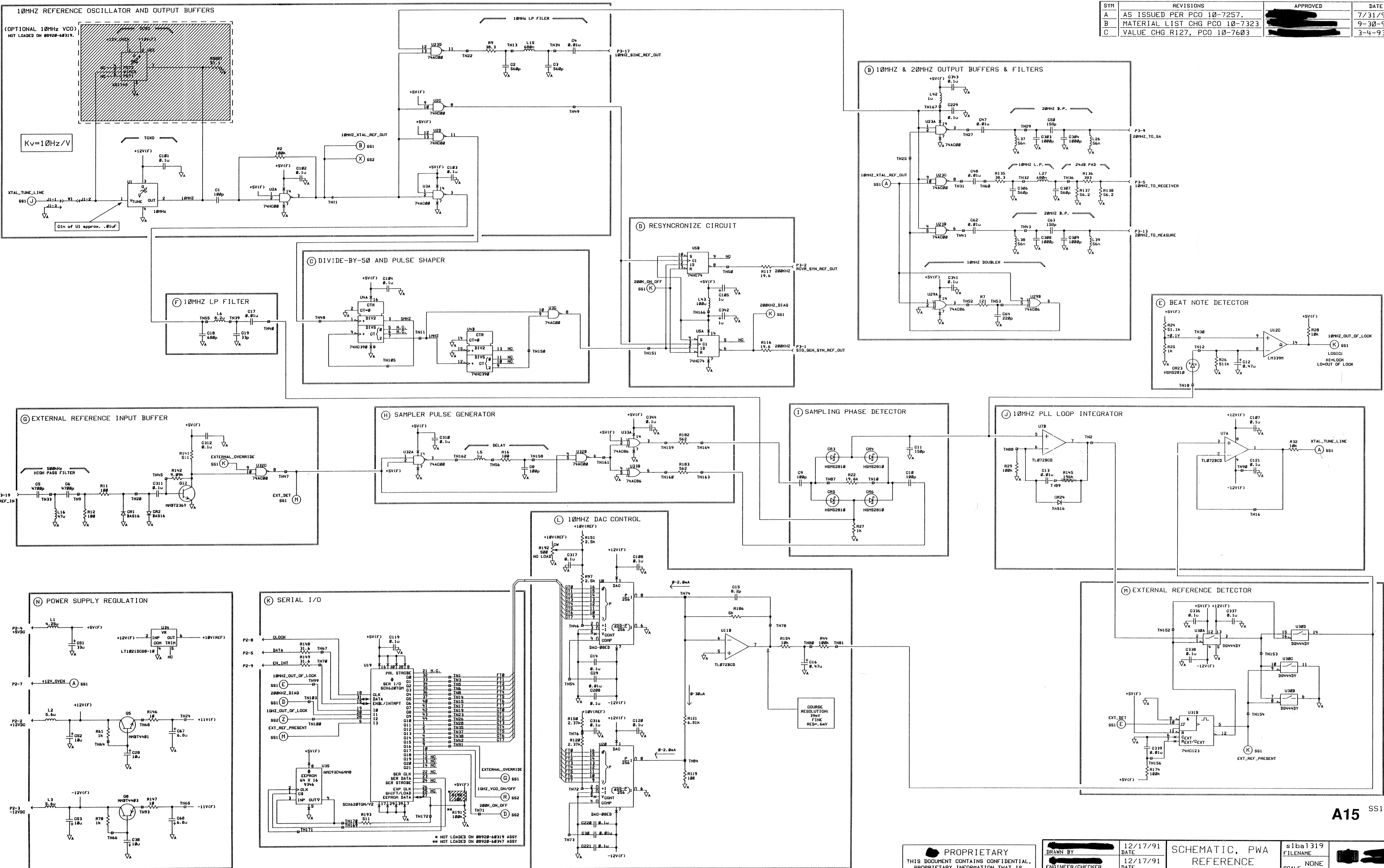
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B	MATERIAL LIST CHG PCO 10-7323	[Redacted]	9-30-92
C	VALUE CHG R127, PCO 10-7603	[Redacted]	3-4-93



A15

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	DATE: 07/31/92			FILENAME: [Redacted]

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B	MATERIAL LIST CHG PCO 10-7323	[REDACTED]	9-30-92
C	VALUE CHG R127, PCO 10-7603	[REDACTED]	3-4-93

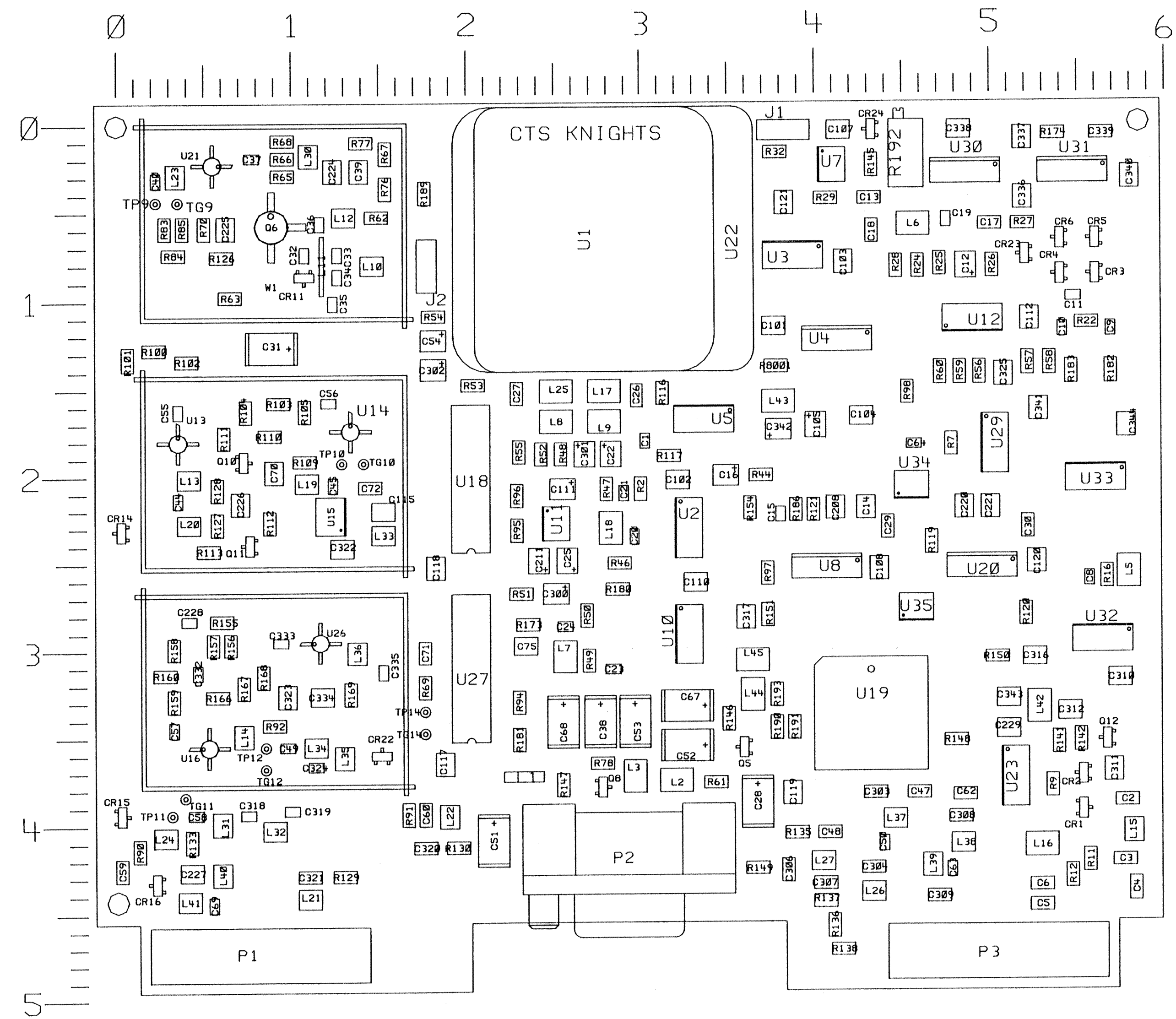


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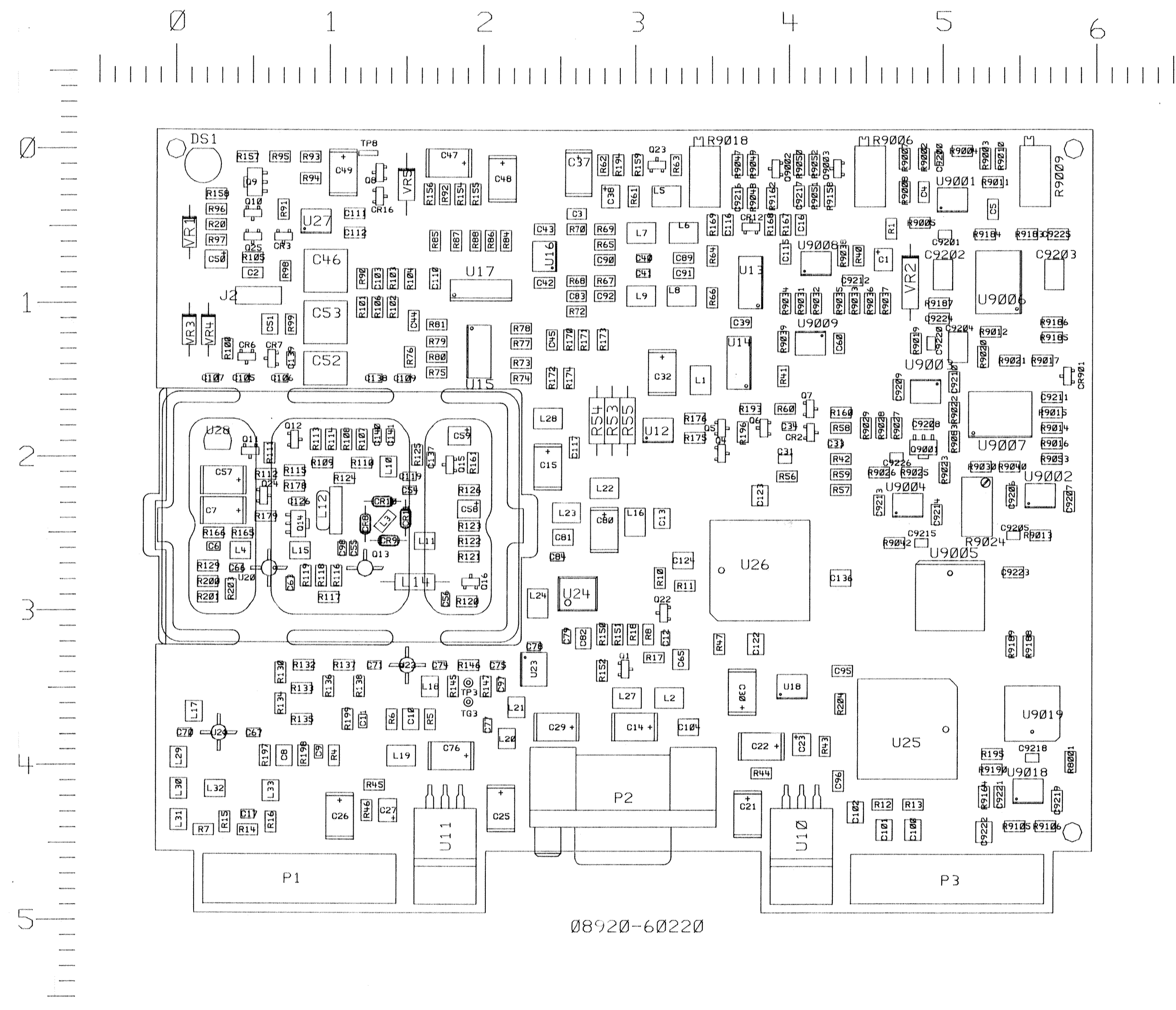
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 ENGINEER/CHECKER [REDACTED] DATE 12/17/91
 RELEASE TO PROD. [REDACTED] DATE 07/31/92
 SUPERSEDES DWG. [REDACTED]

SCHMATIC, PWA REFERENCE SECTION

siba1319 FILENAME
 SCALE NONE
 SHEET 1 OF 2 PART NUMBER
 D-08920-60319-1



08920-60319




Component-Level Information Packet

A16


RECEIVER

08920-61828



































08920-60817 rev 101: Engineering Bill of Materials




























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 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	C46, C50, C53, C57, C64, C777	Initial Load	 0121-0448	100	Item	CAP-VAR 5pF 2.5pF 63 V CER	Release	6.0	Each	
N/A	CR302	Initial Load	 0122-0368	100	Item	DIODE-VVC 1.9PF 10.5pct BVR=30V	Release	1.0	Each	
N/A	C546, C765	Initial Load	 0160-4426	100	Item	CAP-FXD 0.01uF +-1pct 100 V CER COG	Release	2.0	Each	
N/A	C720	Initial Load	 0160-5468	100	Item	CAP-FXD 0.47uF +-10pct 50 V POLYE-MET	Release	1.0	Each	
N/A	C316	Initial Load	 0160-5469	103	Item	CAP-FXD 1uF +-10PCT 50 V POLYE-MET	Release	1.0	Each	
N/A	C566	Initial Load	 0160-5944	100	Item	CAP-FXD 0.047uF +-10pct 50 V CER X7R	Release	1.0	Each	
N/A	C66	Initial Load	 0160-5945	100	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	1.0	Each	
N/A	C82	Initial Load	 0160-5946	100	Item	CAP-FXD 3300pF +-10pct 50 V CER X7R	Release	1.0	Each	
N/A	C10, C31, C37, C41, C45, C518, C61, C63	Initial Load	 0160-5952	100	Item	CAP-FXD 330pF +-5pct 50 V CER COG	Release	8.0	Each	
N/A	C717, C718	Initial Load	 0160-5953	101	Item	CAP-FXD 270pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C73, C83	Initial Load	 0160-5954	100	Item	CAP-FXD 220pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C52	Initial Load	 0160-5957	100	Item	CAP-FXD 47pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C303	Initial Load	 0160-5960	100	Item	CAP-FXD 27pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C511	Initial Load	 0160-5961	100	Item	CAP-FXD 22pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C47	Initial Load	 0160-5962	100	Item	CAP-FXD 15pF +-5pct 50 V CER COG	Release	1.0	Each	


































 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
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



N/A	C223, C58, C6, C65	Initial Load	 0160-5963	100	Item	CAP-FXD 18pF +-5pct 50 V CER COG	Release	4.0	Each	
N/A	C522, C531	Initial Load	 0160-5965	100	Item	CAP-FXD 150pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C49, C54	Initial Load	 0160-5966	100	Item	CAP-FXD 120pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C80	Initial Load	 0160-5967	100	Item	CAP-FXD 100pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C87	Initial Load	 0160-5971	100	Item	CAP-FXD 4.7pF +-10.64pct 50 V CER COG	Release	1.0	Each	
N/A	C51	Initial Load	 0160-5978	100	Item	CAP-FXD 2.2pF 50 V CER COG	Release	1.0	Each	
N/A	C70	Initial Load	 0160-6096	100	Item	CAP-FXD 470pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C218	Initial Load	 0160-6099	100	Item	CAP-FXD 820pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C44, C703, C716, C724, C79	Initial Load	 0160-6100	101	Item	CAP-FXD 1000pF +-5pct 50 V CER COG	Release	5.0	Each	
N/A	C547	Initial Load	 0160-6101	100	Item	CAP-FXD 1200pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C215	Initial Load	 0160-6102	100	Item	CAP-FXD 1500pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C548	Initial Load	 0160-6107	100	Item	CAP-FXD 3900pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C572	Initial Load	 0160-6217	100	Item	CAP-FXD 2200pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C210	Initial Load	 0160-6221	100	Item	CAP-FXD 0.047uF +-10pct 50 V CER X7R	Release	1.0	Each	
N/A	C2, C201, C220, C28, C4, C40, C74, C770, C771	Initial Load	 0160-6222	100	Item	CAP-FXD 0.1uF +-10pct 50 V CER X7R	Release	9.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	C277	Initial Load	 0160-6670	100	Item	CAP-FXD 3300pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C1, C14, C16, C176, C181, C39, C42, C500, C505, C506, C60, C62, C700, C71, C72	Initial Load	 0160-6729	100	Item	CAP-FXD 3300pF +-10PCT 50V CER X7R	Release	15.0	Each	

N/A	C118, C184, C185, C225, C226, C232, C233, C287, C288, C311, C313, C314, C502, C503, C504, C537, C544, C550, C551, C567, C568, C569, C570, C571, C574, C705, C706, C711, C713, C714, C715, C721, C722, C750, C752, C753, C754, C756, C757, C760, C761, C763, C764, C774	Initial Load	 0160- 6734	100	Item	CAP-FXD 0.047uF +-10pct 50 V CER X7R	Release	44.0	Each	
N/A	C15, C158, C196, C207, C208, C209, C211, C212, C43, C516, C519, C68, C773, C78	Initial Load	 0160- 6736	100	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	14.0	Each	
N/A	C214, C224, C767, C768, C769	Initial Load	 0160- 6938	100	Item	CAP-FXD 1000pF +-1pct 50 V CER C0G	Release	5.0	Each	
N/A	C766	Initial Load	 0160- 7217	100	Item	CAP-FXD 20pF +- 5pct 50 V CER C0G	Release	1.0	Each	
N/A	C17, C719, C723	Initial Load	 0160- 7308	100	Item	CAP-FXD 3.3uF +-10pct 50 V POLYE-MET	Release	3.0	Each	
N/A	C55	Initial Load	 0160- 7375	101	Item	CAP-FXD 16pF +- 5pct 50 V CER C0G	Release	1.0	Each	
N/A	C304	Initial Load	 0160- 7377	100	Item	CAP-FXD 30pF +- 5pct 50 V CER C0G	Release	1.0	Each	
N/A	C56, C69	Initial Load	 0160- 7385	100	Item	CAP-FXD 130pF +-5pct 50 V CER C0G	Release	2.0	Each	
N/A	C775, C776	Initial Load	 0160- 7386	101	Item	CAP-FXD 160pF +-5PCT 50V CER C0G	Release	2.0	Each	
N/A	C200	Initial Load	 0160- 7388	100	Item	CAP-FXD 240pF +-5pct 50 V CER C0G	Release	1.0	Each	
N/A	C772	Initial Load	 0160- 7711	100	Item	CAP-FXD 4700pF +-10pct 50 V CER X7R	Release	1.0	Each	
N/A	C13, C175, C183, C204, C205, C206, C213, C217, C221, C231, C29, C290, C3, C305, C308, C309, C317, C48, C5, C542, C554, C7, C712, C751, C758, C759, C762, C81	Initial Load	 0160- 7751	101	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	28.0	Each	
N/A	C507, C508, C509, C510, C512, C513, C514, C515, C67	Initial Load	 0160- 7776	100	Item	CAP-FXD 3.9pF +-6.4pct 50 V CER C0G	Release	9.0	Each	






































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N/A	C32, C33, C520, C59	Initial Load	 0160-7860	100	Item	CAP-FXD 4.7pF +-5.31pct 50 V CER COG	Release	4.0	Each	
N/A	C115, C135, C310, C312, C319, C573	Initial Load	 0180-3751	103	Item	CAP-FXD 1uF +-20PCT 35V TA	Release	6.0	Each	
N/A	C119, C216, C30, C702	Initial Load	 0180-3755	101	Item	CAP-FXD 33uF +-20PCT 10V TA	Release	4.0	Each	
N/A	C116, C136	Initial Load	 0180-4116	102	Item	CAP-FXD 22uF +-20PCT 20V TA	Release	2.0	Each	
N/A	C113, C131, C8	Initial Load	 0180-4287	102	Item	CAP-FXD 10uF +-20PCT 35V TA	Release	3.0	Each	
N/A	Y1	Initial Load	 0410-4510	100	Item	CRYSTAL-QUARTZ 10.7 MHZ	Release	1.0	Each	
N/A	MP17, MP18, MP19, MP20, MP21	Initial Load	 0590-1904	101	Item	THREADED INSERT-STDF M3 X 0.5 13.3-MM-LG	Release	5.0	Each	
N/A	R762	Initial Load	 0699-1113	100	Item	RESISTOR 2.98K +-0.1pct .1W TF TC=0+-5	Release	1.0	Each	
N/A	R308, R36, R583, R584, R588, R667, R678, R7, R701, R710, R714, R720, R722, R724, R726, R728, R733, R75	Initial Load	 0699-1318	100	Item	RESISTOR 1K +-1pct .125W TKF TC=0+-100	Release	18.0	Each	
N/A	R676	Initial Load	 0699-1319	100	Item	RESISTOR 12.1K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R38, R573	Initial Load	 0699-1322	100	Item	RESISTOR 68.1K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R670, R709	Initial Load	 0699-1327	100	Item	RESISTOR 1M +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R309, R41, R575, R702, R703, R712, R761	Initial Load	 0699-1330	100	Item	RESISTOR 100K +-1pct .125W TKF TC=0+-100	Release	7.0	Each	
N/A	R15, R31, R505, R515, R516, R517, R519, R635, R72, R753	Initial Load	 0699-1344	100	Item	RESISTOR 10 +-1pct .125W TKF TC=0+-100	Release	10.0	Each	
N/A	R680	Initial Load	 0699-1349	100	Item	RESISTOR 16.2 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R79	Initial Load	 0699-1351	100	Item	RESISTOR 19.6 +-1pct .125W	Release	1.0	Each	



































TKF TC=0+-100										
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R96, R97	Initial Load		0699-1353	100	Item	RESISTOR 23.7 +-1pct .125W TKF TC=0+-100	Release	2.0	Each 
N/A	R625	Initial Load		0699-1356	100	Item	RESISTOR 31.6 +-1pct .25W TKF TC=0+-100	Release	1.0	Each 
N/A	R599, R691	Initial Load		0699-1357	100	Item	RESISTOR 34.8 +-1pct .125W TKF TC=0+-100	Release	2.0	Each 
N/A	R128, R129, R686	Initial Load		0699-1358	100	Item	RESISTOR 38.3 +-1pct .125W TKF TC=0+-100	Release	3.0	Each 
N/A	R604	Initial Load		0699-1359	100	Item	RESISTOR 42.2 +-1pct .125W TKF TC=0+-100	Release	1.0	Each 
N/A	R526, R765	Initial Load		0699-1360	100	Item	RESISTOR 46.4 +-1pct .125W TKF TC=0+-100	Release	2.0	Each 
N/A	R102, R13, R241, R52, R520, R523, R524, R637, R638, R666, R690, R740, R741, R754, R78	Initial Load		0699-1361	100	Item	RESISTOR 51.1 +-1pct .125W TKF TC=0+-100	Release	15.0	Each 
N/A	R100, R101, R14, R185, R187, R500, R511, R80, R81, R83	Initial Load		0699-1364	100	Item	RESISTOR 68.1 +-1pct .125W TKF TC=0+-100	Release	10.0	Each 
N/A	R104, R687	Initial Load		0699-1365	100	Item	RESISTOR 75 +- 1pct .125W TKF TC=0+-100	Release	2.0	Each 
N/A	R62	Initial Load		0699-1366	100	Item	RESISTOR 82.5 +-1pct .125W TKF TC=0+-100	Release	1.0	Each 
N/A	R636	Initial Load		0699-1367	100	Item	RESISTOR 90.9 +-1pct .125W TKF TC=0+-100	Release	1.0	Each 
N/A	R139, R158, R681	Initial Load		0699-1370	100	Item	RESISTOR 1.21K +-1pct .125W TKF TC=0+-100	Release	3.0	Each 
N/A	R642, R671, R675	Initial Load		0699-1375	100	Item	RESISTOR 1.96K +-1pct .125W TKF TC=0+-100	Release	3.0	Each 
N/A	R629, R683, R707, R716, R759	Initial Load		0699-1376	100	Item	RESISTOR 2.15K +-1pct .125W TKF TC=0+-100	Release	5.0	Each 
N/A	R744, R745, R755, R756	Initial Load		0699-1377	100	Item	RESISTOR 2.37K +-1pct .125W TKF TC=0+-100	Release	4.0	Each 
N/A	R10, R210, R307, R37, R5, R6	Initial Load		0699-1378	100	Item	RESISTOR 2.61K +-1pct .125W TKF TC=0+-100	Release	6.0	Each 

N/A	R641, R669	Initial Load	 0699-1380	100	Item	RESISTOR 3.16K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R719	Initial Load	 0699-1381	100	Item	RESISTOR 3.48K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R684	Initial Load	 0699-1382	100	Item	RESISTOR 3.83K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R679	Initial Load	 0699-1383	100	Item	RESISTOR 4.22K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R18	Initial Load	 0699-1384	100	Item	RESISTOR 4.64K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R208, R21, R4, R553, R632, R677, R9	Initial Load	 0699-1385	100	Item	RES-FXD 5.11K +-1PCT .125W TC 0+-100	Release	7.0	Each	
N/A	R700	Initial Load	 0699-1386	100	Item	RESISTOR 5.62K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R27	Initial Load	 0699-1387	100	Item	RESISTOR 6.81K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R715	Initial Load	 0699-1388	100	Item	RESISTOR 7.5K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R509, R578	Initial Load	 0699-1389	100	Item	RESISTOR 8.25K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R19, R190, R191, R20, R22, R29, R3, R302, R507, R571, R576, R585, R587, R630, R672, R695, R697, R704, R705, R708, R717, R73, R739, R760	Initial Load	 0699-1391	100	Item	RESISTOR 10K +-1pct .125W TKF TC=0+-100	Release	24.0	Each	
N/A	R572	Initial Load	 0699-1394	100	Item	RESISTOR 14.7K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R39	Initial Load	 0699-1399	100	Item	RESISTOR 23.7K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R586, R698	Initial Load	 0699-1400	100	Item	RESISTOR 26.1K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R574	Initial Load	 0699-1407	100	Item	RESISTOR 46.4K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R293, R304, R699	Initial Load	 0699-1408	100	Item	RESISTOR 51.1K +-1pct .125W TKF TC=0+-100	Release	3.0	Each	




































N/A	R694	Initial Load	 0699-1410	100	Item	RESISTOR 61.9K +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
N/A	R577, R706	Initial Load	 0699-1412	100	Item	RESISTOR 75K +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R103, R105, R11, R26, R518, R537, R570, R628, R631, R721, R723, R725, R727, R729, R734	Initial Load	 0699-1415	100	Item	RESISTOR 100 +-1pct .125W TKF TC=0+-100	Release	15.0	Each		
N/A	R186, R189, R32, R634, R66, R8	Initial Load	 0699-1417	100	Item	RESISTOR 121 +-1pct .125W TKF TC=0+-100	Release	6.0	Each		
N/A	R602, R603, R626	Initial Load	 0699-1418	100	Item	RESISTOR 133 +-1pct .125W TKF TC=0+-100	Release	3.0	Each		
N/A	R539, R68	Initial Load	 0699-1419	100	Item	RESISTOR 147 +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R600, R601, R689, R742	Initial Load	 0699-1420	100	Item	RESISTOR 162 +-1pct .125W TKF TC=0+-100	Release	4.0	Each		
N/A	R1, R2, R23, R513, R514, R627, R757, R758	Initial Load	 0699-1421	100	Item	RESISTOR 178 +-1pct .125W TKF TC=0+-100	Release	8.0	Each		
N/A	R132, R154, R512, R54, R643, R731, R736, R95	Initial Load	 0699-1422	100	Item	RESISTOR 196 +-1pct .125W TKF TC=0+-100	Release	8.0	Each		
N/A	R56, R67	Initial Load	 0699-1423	100	Item	RESISTOR 215 +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R693, R696, R752	Initial Load	 0699-1425	100	Item	RESISTOR 261 +-1pct .125W TKF TC=0+-100	Release	3.0	Each		
N/A	R40, R540, R60, R668, R735, R738, R74, R751, R76, R77, R94	Initial Load	 0699-1427	100	Item	RESISTOR 316 +-1pct .125W TKF TC=0+-100	Release	11.0	Each		
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R682	Initial Load	 0699-1428	100	Item	RESISTOR 348 +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
N/A	R503, R51, R525, R63, R69, R732, R737	Initial Load	 0699-1429	100	Item	RESISTOR 383 +-1pct .125W TKF TC=0+-100	Release	7.0	Each		
N/A	R692, R764	Initial Load	 0699-1432	100	Item	RESISTOR 511 +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R685	Initial Load	 0699-1434	100	Item	RES-FXD 619 OHM +-1PCT 0.125W TC 0+- 100 1206	Release	1.0	Each		

N/A	R746, R747, R748	Initial Load	 0699-1435	101	Item	RES-FXD 681 OHM +- 1PCT .125W TC 0+-100	Release	3.0	Each	
N/A	R688	Initial Load	 0699-1436	100	Item	RESISTOR 750 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R633, R766	Initial Load	 0699-1438	100	Item	RESISTOR 909 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R580, R581	Initial Load	 0699-1444	100	Item	RESISTOR 178K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R713	Initial Load	 0699-1445	100	Item	RESISTOR 215K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R711	Initial Load	 0699-1453	100	Item	RESISTOR 464K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R16, R24, R597, R730	Initial Load	 0699-1503	100	Item	RESISTOR 0 CWM	Release	4.0	Each	
N/A	R749	Initial Load	 0699-2064	100	Item	RESISTOR 6.8 +- 5pct .125W TKF TC=0+-500	Release	1.0	Each	
N/A	R542, R654	Initial Load	 0699-2488	100	Item	RESISTOR 100 +-0.1pct .125W TF TC=0+-25	Release	2.0	Each	
N/A	R541, R544	Initial Load	 0699-2490	100	Item	RESISTOR 1K +- 0.1pct .125W TF TC=0+-25	Release	2.0	Each	
N/A	R546, R551, R552	Initial Load	 0699-2826	100	Item	RESISTOR 3K +- 0.1pct .125W TF TC=0+-25	Release	3.0	Each	
	F/N Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R502	Initial Load	 0699-2827	100	Item	RESISTOR 900 +-0.1pct .125W TF TC=0+-25	Release	1.0	Each	
N/A	R527	Initial Load	 0699-2831	100	Item	RES-FXD 150 OHM +- 0.1PCT .125W TC 0+-25	Release	1.0	Each	
N/A	R510	Initial Load	 0699-2836	100	Item	RESISTOR 15K +-0.1pct .125W TF TC=0+-25	Release	1.0	Each	
N/A	R501, R743	Initial Load	 0699-2847	100	Item	RESISTOR 2K +- 0.1pct .125W TF TC=0+-25	Release	2.0	Each	
N/A	R310	Initial Load	 0699-3942	100	Item	RESISTOR 619 +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R312	Initial Load	 0699-3952	100	Item	RESISTOR 1.62K +-1pct .063W TKF TC=0+-200	Release	1.0	Each	

N/A	R306	Initial Load	 0699-3964	100	Item	RESISTOR 5.11K +-1pct .063W TKF TC=0+-200	Release	1.0	Each		
N/A	R303	Initial Load	 0699-3970	100	Item	RESISTOR 10K +-1pct .063W TKF TC=0+-200	Release	1.0	Each		
N/A	R313	Initial Load	 0699-3979	100	Item	RESISTOR 23.7K +-1pct .063W TKF TC=0+-200	Release	1.0	Each		
N/A	R311, R314, R315	Initial Load	 0699-3983	100	Item	RESISTOR 34.8K +-1pct .063W TKF TC=0+-200	Release	3.0	Each		
N/A	R301, R316	Initial Load	 0699-3987	100	Item	RESISTOR 51.1K +-1pct .063W TKF TC=0+-200	Release	2.0	Each		
N/A	MP10, MP11, MP12, MP13, MP14, MP15, MP16, MP3, MP4, MP5, MP6, MP7, MP8, MP9	Initial Load	 08920-00030	100	Item	FENCE, BENT	Release	14.0	Each		
N/A	MP28, MP29, MP30, MP31	Initial Load	 08920-00033	100	Item	COVER, INTERNAL TRANSVERSE	Release	4.0	Each		
N/A	MP32, MP33, MP34	Initial Load	 08920-00055	100	Item	COVER INTERNAL VERTICAL	Release	3.0	Each		
N/A	MP1	Initial Load	 08920-20817	100	Item	BD RECEIVER	Release	1.0	Each		
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	W1	Initial Load	 08920-21018	100	Item	SEMI-RIGID CBL	Release	1.0	Each		
N/A	Z3	Initial Load	 0955-0292	100	Item	MIXER	Release	1.0	Each		
N/A	Z2	Initial Load	 0955-1001	100	Item	U-WAVE MIXER 1 GHZ MAX	Release	1.0	Each		
N/A	TG1, TG2, TG3, TP1, TP2, TP3	Initial Load	 1251-1556	101	Item	CONNECTOR-SGL CONT SKT .02- IN-BSC-SZ RND	Release	6.0	Each		
N/A	P1, P3	Initial Load	 1251-8666	101	Item	CONN-POST TYPE .100-PIN- SPCG-MTG-END	Release	2.0	Each		
N/A	P2	Initial Load	 1252-3780	101	Item	CONN-RECT D- SUBMIN 9-CKT 9-CONT	Release	1.0	Each		
N/A	U6	Initial Load	 1820-4938	100	Item	IC GATE CMOS/HC EXCL- OR QUAD 2-INP	Release	1.0	Each		
N/A	U9	Initial Load	 1820-5220	100	Item	IC INV CMOS/HC HEX	Release	1.0	Each		
N/A	U509	Initial	 1820-	100	Item	IC MUXR/DATA- SEL CMOS/HC 8-	Release	1.0	Each		














		Load	5731	TO-1-LINE						
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	U303	Initial Load	 1820-6247	100	Item	IC CNTR CMOS/HC DECD ASYNCHRO	Release	1.0	Each	
N/A	U305	Initial Load	 1821-3536	100	Item	IC FREQ-SYNTH 28 PIN PLSTC-SOIC	Release	1.0	Each	
N/A	U8	Initial Load	 1821-4096	100	Item	IC DIVR BIPOLAR (UNSPECIFIED) DIV-X-4	Release	1.0	Each	
N/A	U3	Initial Load	 1821-4429	100	Item	IC-ASIC	Release	1.0	Each	
N/A	U2	Initial Load	 1826-0393	100	Item	IC PWR MGT-V-REG-ADJ-POS 1.2/37V 3 PINS	Release	1.0	Each	
N/A	U5	Initial Load	 1826-0527	100	Item	IC PWR MGT-V-REG-ADJ-NEG 1.2/37V 3 PINS	Release	1.0	Each	
N/A	U514	Initial Load	 1826-1528	100	Item	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	Release	1.0	Each	
N/A	U513, U522	Initial Load	 1826-1622	100	Item	IC OP AMP LOW-BIAS-H-IMPQ QUAD 14 PIN	Release	2.0	Each	
N/A	U301	Initial Load	 1826-1950	100	Item	IC COMPARATOR HS SINGLE 8 PIN PLSTC-SOIC	Release	1.0	Each	
N/A	U523	Initial Load	 1826-2147	100	Item	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	Release	1.0	Each	
N/A	U511	Initial Load	 1826-2149	100	Item	ANALOG SWITCH 4 SPST 16 -P-SOIC	Release	1.0	Each	
N/A	U22	Initial Load	 1826-2190	100	Item	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	Release	1.0	Each	
N/A	U12	Initial Load	 1826-2211	101	Item	IC RF/IF AMPL SINGLE 8-SOIC	Release	1.0	Each	
N/A	U512	Initial Load	 1826-2453	100	Item	IC OP AMP LOW-BIAS-H-IMPQ DUAL 8 PIN	Release	1.0	Each	
N/A	U4, U502, U503, U7	Initial Load	 1826-2539	100	Item	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	Release	4.0	Each	
N/A	U501	Initial Load	 1826-8666	100	Item	IC OP AMP LOW-PWR-H-IMPQ DUAL 8 PIN	Release	1.0	Each	
N/A	Q1, Q13, Q22, Q3, Q301, Q5, Q504,	Initial	 1853-	100	Item	TRANSISTOR PNP SI SOT-23 (TO-	Release	13.0	Each	

	Q510, Q533, Q534, Q536, Q6, Q7	Load	0567			236AB)				
N/A	Q12, Q15, Q501, Q512, Q538, Q539	Initial Load	1853- 0612	100	Item	TRANSISTOR PNP SI SOT-23 (TO- 236AB)	Release	6.0	Each	
N/A	Q18, Q24, Q4, Q535, Q8	Initial Load	1854- 1037	100	Item	TRANSISTOR NPN SI TO- 236AA PD=350MW	Release	5.0	Each	
N/A	Q10, Q16, Q511, Q9	Initial Load	1854- 1055	101	Item	TRANSISTOR NPN SI SOT-23 PD 300MW FT 4.5GHZ MIN	Release	4.0	Each	
N/A	Q537	Initial Load	1854- 1095	100	Item	TRANSISTOR NPN SI SOT-23 (TO-236AB)	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	Q2	Initial Load	1854- 1251	100	Item	TRANSISTOR- DUAL NPN	Release	1.0	Each	
N/A	Q23	Initial Load	1854- 1270	101	Item	TRANSISTOR NPN SI TO- 261AA (SOT- 223)	Release	1.0	Each	
N/A	Q20, Q513	Initial Load	1854- 1712	100	Item	TRANSISTOR NPN SI SOT-23 (TO-236AB)	Release	2.0	Each	
N/A	Q19	Initial Load	1855- 0235	100	Item	TRANSISTOR J- FET N-CHAN D- MODE TO-52 SI	Release	1.0	Each	
N/A	Q14, Q17	Initial Load	1855- 0734	101	Item	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	Release	2.0	Each	
N/A	CR1, CR11, CR3, CR5, CR7	Initial Load	1900- 0096	100	Item	DIODE-PIN	Release	5.0	Each	
N/A	CR505	Initial Load	1900- 0237	101	Item	D SCH 20V DUAL	Release	1.0	Each	
N/A	CR511, CR512, CR513, CR514	Initial Load	1901- 1192	100	Item	DIODE-PIN 35V 100MA TO-236 (SOT-23)	Release	4.0	Each	
N/A	CR301, CR502, CR503, CR504, CR506, CR507, CR508	Initial Load	1901- 1227	100	Item	DIODE- SWITCHING 75V 200MA 6NS TO- 236	Release	7.0	Each	
N/A	VR1	Initial Load	1902- 1696	100	Item	DIODE-ZNR 1N827 6.2V 5pct DO-7 PD=.25W	Release	1.0	Each	
N/A	CR510	Initial Load	1906- 0291	100	Item	DIODE-DUAL 70V 100MA TO- 236AA	Release	1.0	Each	
N/A	CR50	Initial Load	1906- 0320	101	Item	DIODE-DUAL 40V 40MA TO-236AA	Release	1.0	Each	

N/A	R506	Initial Load	 2100-3758	100	Item	RESISTOR-TRMR 200 10pct TKF SIDE-ADJ	Release	1.0	Each		
N/A	R718	Initial Load	 2100-3759	101	Item	RESISTOR-TRMR 2K 10pct TKF SIDE-ADJ 17- TRN	Release	1.0	Each		
N/A	R30	Initial Load	 2100-4211	100	Item	RESISTOR-TRMR 20K 20pct TKF TOP-ADJ 1-TRN	Release	1.0	Each		
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R33, R34	Initial Load	 2100-4214	100	Item	RESISTOR-TRMR 2K 20pct TKF TOP-ADJ 1-TRN	Release	2.0	Each		
N/A	U302	Manual	 5185-3637	001	Item	LTB 1826-1931	Release	1.0	Each		
N/A	U524	Manual	 5185-3638	001	Item	LTB - 1818-4729	Release	1.0	Each		
N/A	CR10, CR9	Initial Load	 5185-3655	100	Item	LTB1900-0100	Release	2.0	Each		
N/A	MP2	Initial Load	 7121-5729	101	Item	LBL-LNE-PTR; 1.5-IN-WD X .25- IN-LG	Release	1.0	Each		
N/A	W5	Initial Load	 8150-3431	101	Item	WIRE 30AWG BL 42V KYNAR-PVF	Release	0.3048	Meter		
N/A	L23, L25	Initial Load	 9100-2250	100	Item	INDUCTOR RF- CH-MLD 180nH +-10pct	Release	2.0	Each		
N/A	L20	Initial Load	 9100-2252	100	Item	INDUCTOR RF- CH-MLD 270nH +-10pct	Release	1.0	Each		
N/A	L109	Initial Load	 9100-3922	100	Item	INDUCTOR FIXED Z GREATER THAN 1200 OHMS 120 TO 650	Release	1.0	Each		
N/A	T1, T2	Initial Load	 9100-5045	100	Item	TRANSFORMER MATCHING TRANSFORMER FOR	Release	2.0	Each		
N/A	L19, L22, L27	Initial Load	 9135-0079	100	Item	INDUCTOR- FIXED	Release	3.0	Each		
N/A	FL2, FL4, FL6	Initial Load	 9135-0441	100	Item	FILTER-CERAMIC CENTER FREQ: 10.7 MHZ	Release	3.0	Each		
N/A	FL1	Initial Load	 9135-0491	100	Item	FILTER- BANDPASS LEADS-TERMS	Release	1.0	Each		
N/A	L13, L137, L16, L28, L29, L41, L5	Initial Load	 9140-1104	101	Item	INDUCTOR 820nH +-5pct 2.8W- mmX3.4LG-mm	Release	7.0	Each		

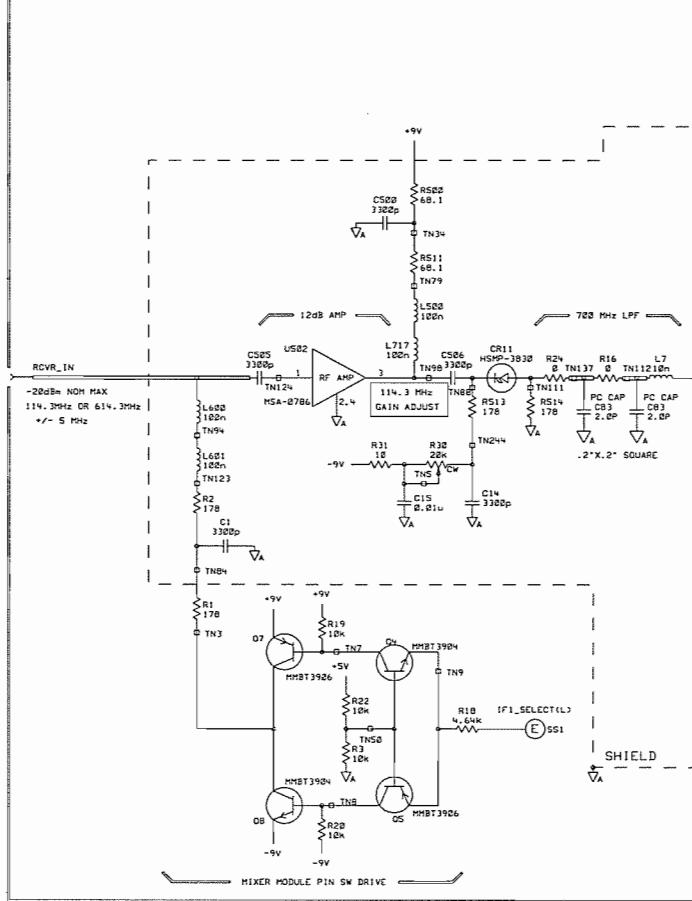
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	L511	Initial Load	 9140-1107	100	Item	INDUCTOR 2.2uH +-5pct 3.4W- mmX4.8LG-mm	Release	1.0	Each	
N/A	L720	Initial Load	 9140-1113	100	Item	INDUCTOR 10uH +-5pct 3.4W- mmX4.8LG-mm Q=50	Release	1.0	Each	
N/A	L711	Initial Load	 9140-1114	100	Item	INDUCTOR 15uH +-5pct 3.4W- mmX4.8LG-mm Q=50	Release	1.0	Each	
N/A	L159, L30	Initial Load	 9140-1115	100	Item	INDUCTOR 22uH +-5pct 3.4W- mmX4.8LG-mm Q=50	Release	2.0	Each	
N/A	L50, L520	Initial Load	 9140-1117	100	Item	INDUCTOR 47uH +-5PCT 3.4W- MMX4.8LG-MM Q 50	Release	2.0	Each	
N/A	L34, L37, L705	Initial Load	 9140-1121	100	Item	INDUCTOR 100uH +-5pct 3.4W- mmX4.8LG-mm	Release	3.0	Each	
N/A	L708	Initial Load	 9140-1122	100	Item	INDUCTOR 150uH +-5pct 3.4W- mmX4.8LG-mm	Release	1.0	Each	
N/A	L7	Initial Load	 9140-1194	100	Item	INDUCTOR 10nH +-10pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L21	Initial Load	 9140-1204	101	Item	INDUCTOR 68nH +-5pct 2.8W- mmX3.4LG-mm Q=27	Release	1.0	Each	
N/A	L17, L201, L3, L31, L4, L500, L501, L502, L510, L600, L601, L702, L717	Initial Load	 9140-1206	101	Item	INDUCTOR 100nH +-5pct 2.8W- mmX3.4LG-mm	Release	13.0	Each	
N/A	L301, L302	Initial Load	 9140-1244	100	Item	INDUCTOR 1mH +-5pct 3.4W- mmX4.8LG-mm Q=30	Release	2.0	Each	
N/A	L515, L718, L719	Initial Load	 9140-1422	100	Item	INDUCTOR 1.8uH +-5pct 3.4W- mmX4.8LG-mm	Release	3.0	Each	
N/A	L40	Initial Load	 9140-1424	101	Item	INDUCTOR 180nH +-5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L706, L707, L710	Initial Load	 9140-1432	100	Item	INDUCTOR 39uH +-5pct 3.4W- mmX4.8LG-mm Q=50	Release	3.0	Each	

INDUCTOR

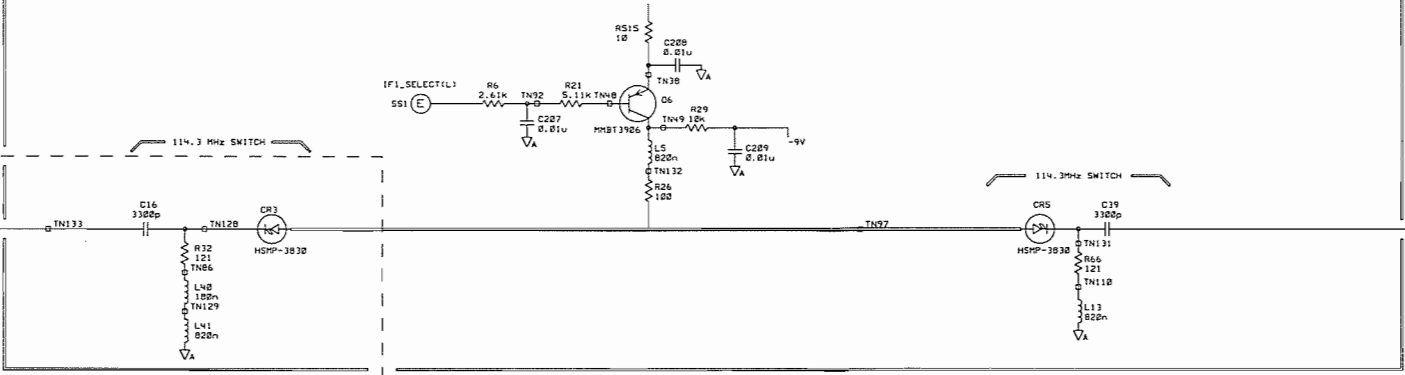
N/A	L8	Initial Load	 9140-1433	100	Item	120uH +-5pct 3.4W- mmX4.8LG-mm	Release	1.0	Each	
N/A	L18	Initial Load	 9140-1537	101	Item	INDUCTOR 22nH +-10pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	L1, L15, L33, L509	Initial Load	 9140-1559	100	Item	INDUCTOR 15nH +10pct -10pct 2.8W- mmX3.4LG-mm	Release	4.0	Each	
N/A	L26, L503, L505, L506, L508	Initial Load	 9140-1563	100	Item	INDUCTOR 33nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	5.0	Each	
N/A	L24	Initial Load	 9140-1564	100	Item	INDUCTOR 39nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L504, L507	Initial Load	 9140-1565	100	Item	INDUCTOR 47nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	2.0	Each	

S300 K		D-08920-60817-1	
SYM	REVISIONS	APPROVED	DATE
G	CHGS PCO'S 10-10464 & 10514	[REDACTED]	06-28-99
H	CHG PER PCO 10-10767	[REDACTED]	12-15-99
J	CHG PER PCO'S 10-11145/11155	[REDACTED]	09-06-00
K	AS PER PCO E6-70877	[REDACTED]	23NOV01

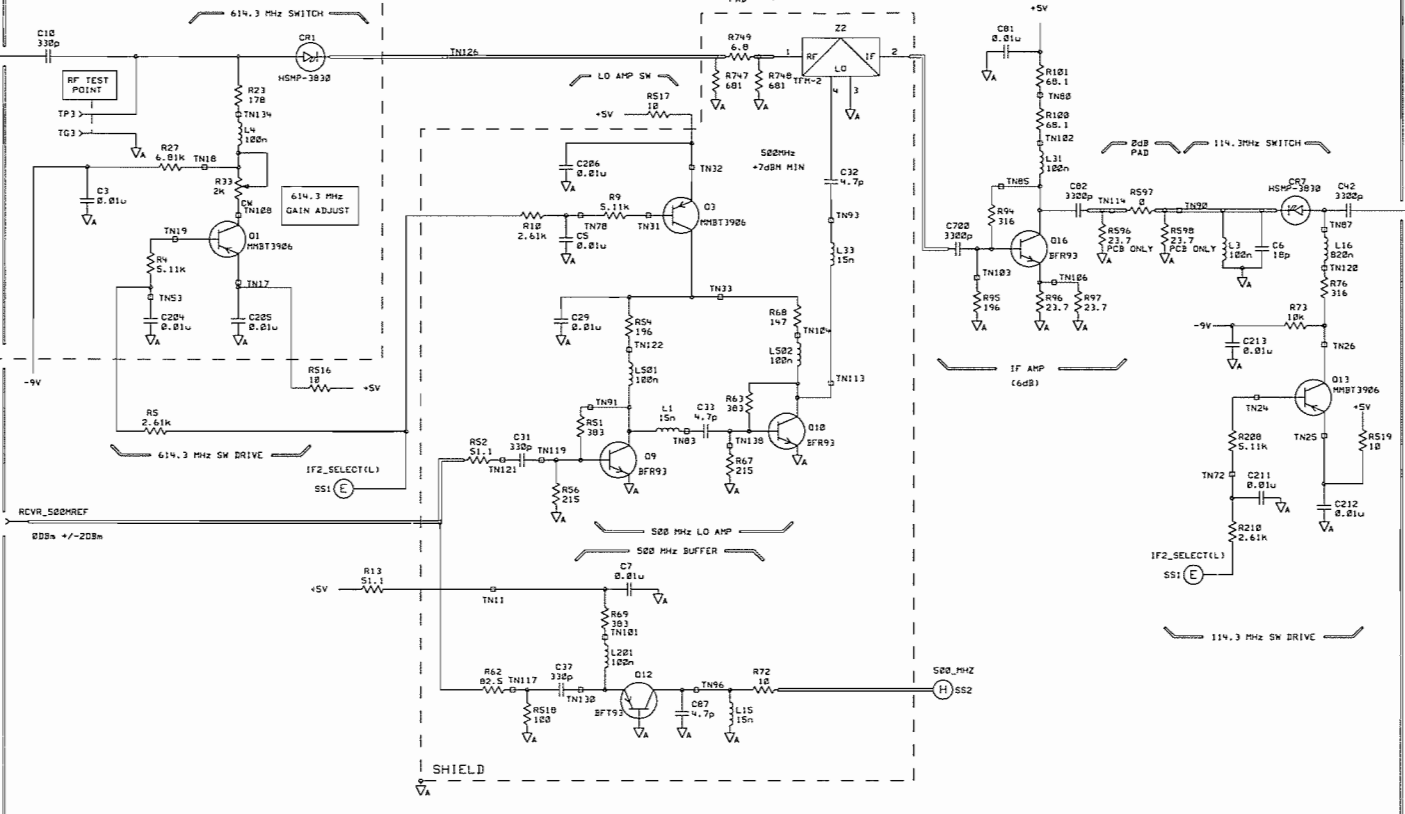
(A) 114.3/614.3 MHz IF AMP/LPF



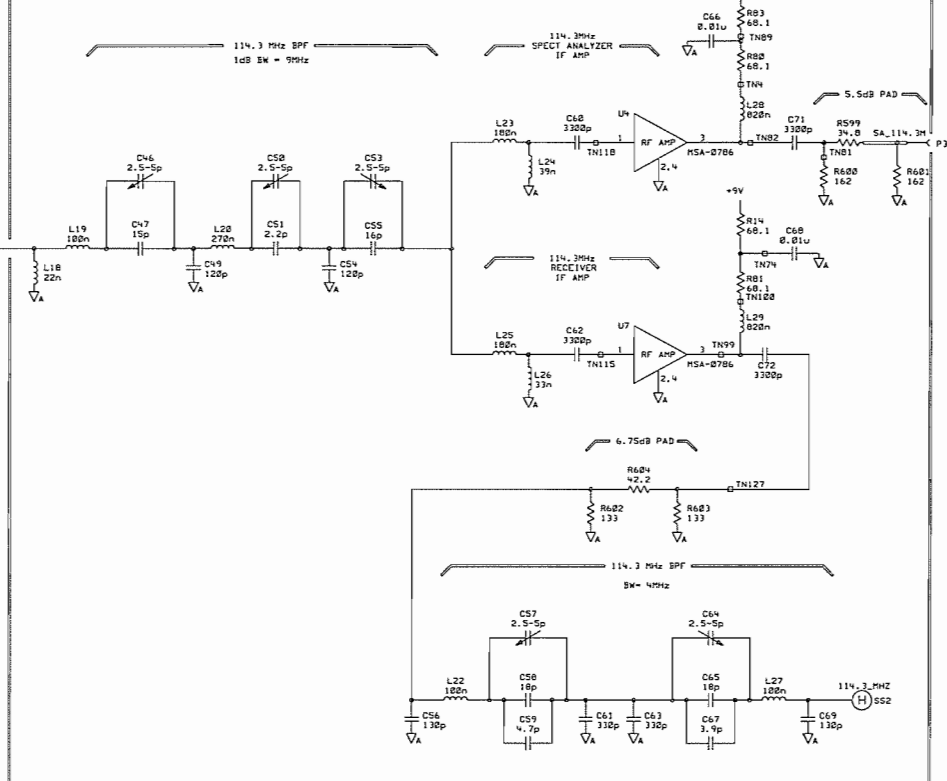
(B) 114.3 MHz IF SWITCHES



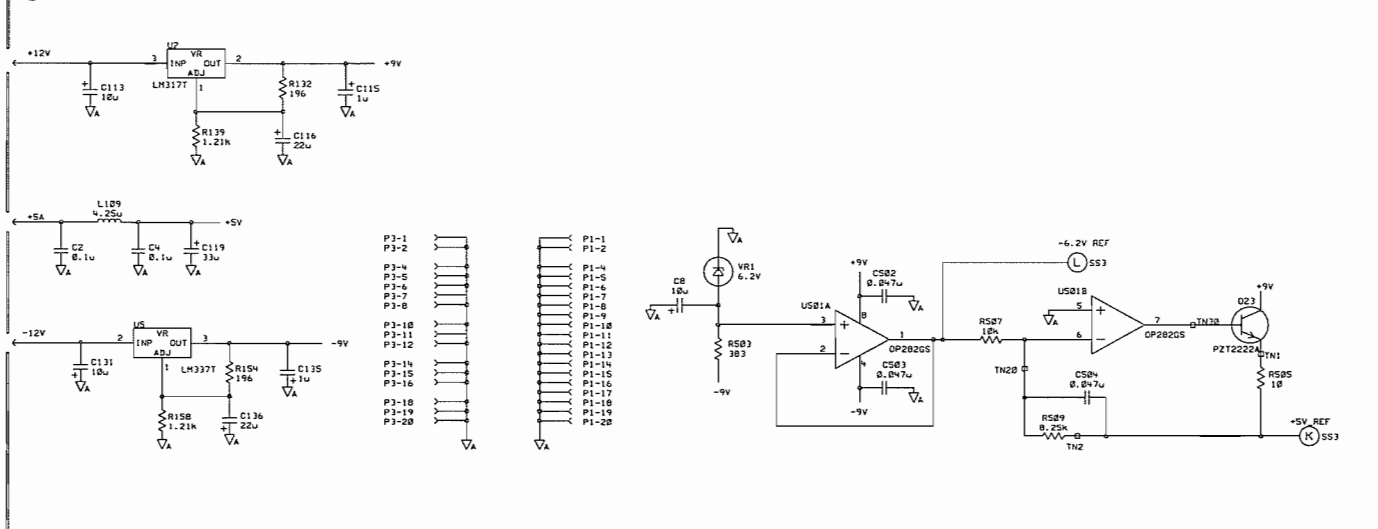
(C) 385.7/614.3 MHz IF SWITCH AND ANG DOWNCONVERTER



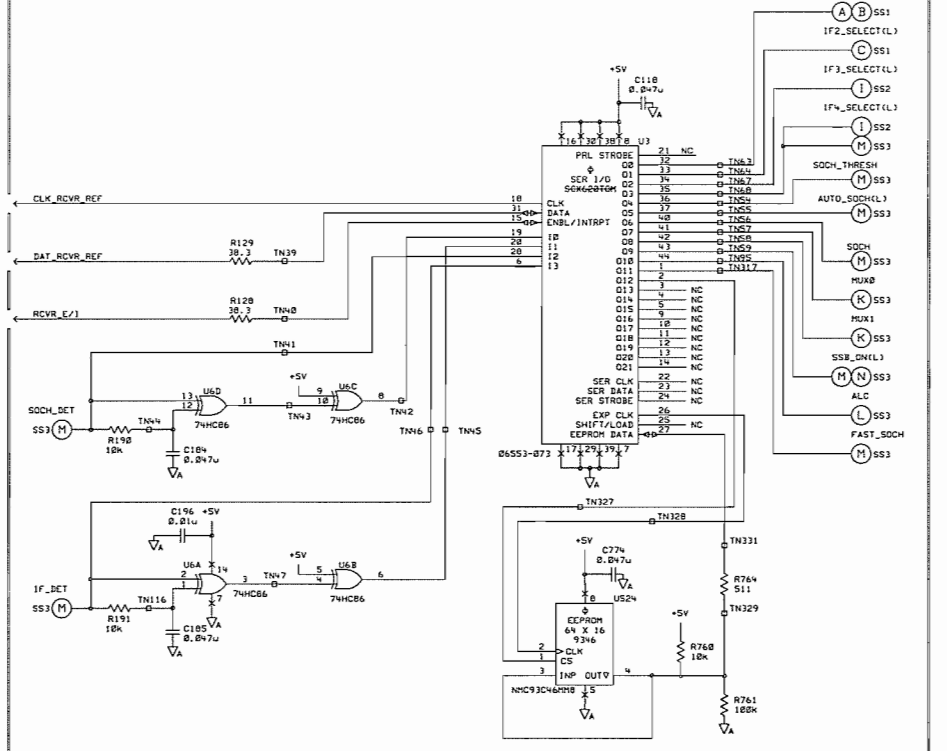
(D) 114.3 MHz IF FILTERS, SPLITTER AND AMPS



(E) POWER SUPPLY REGULATORS/FILTERS



(F) SERIAL I/O



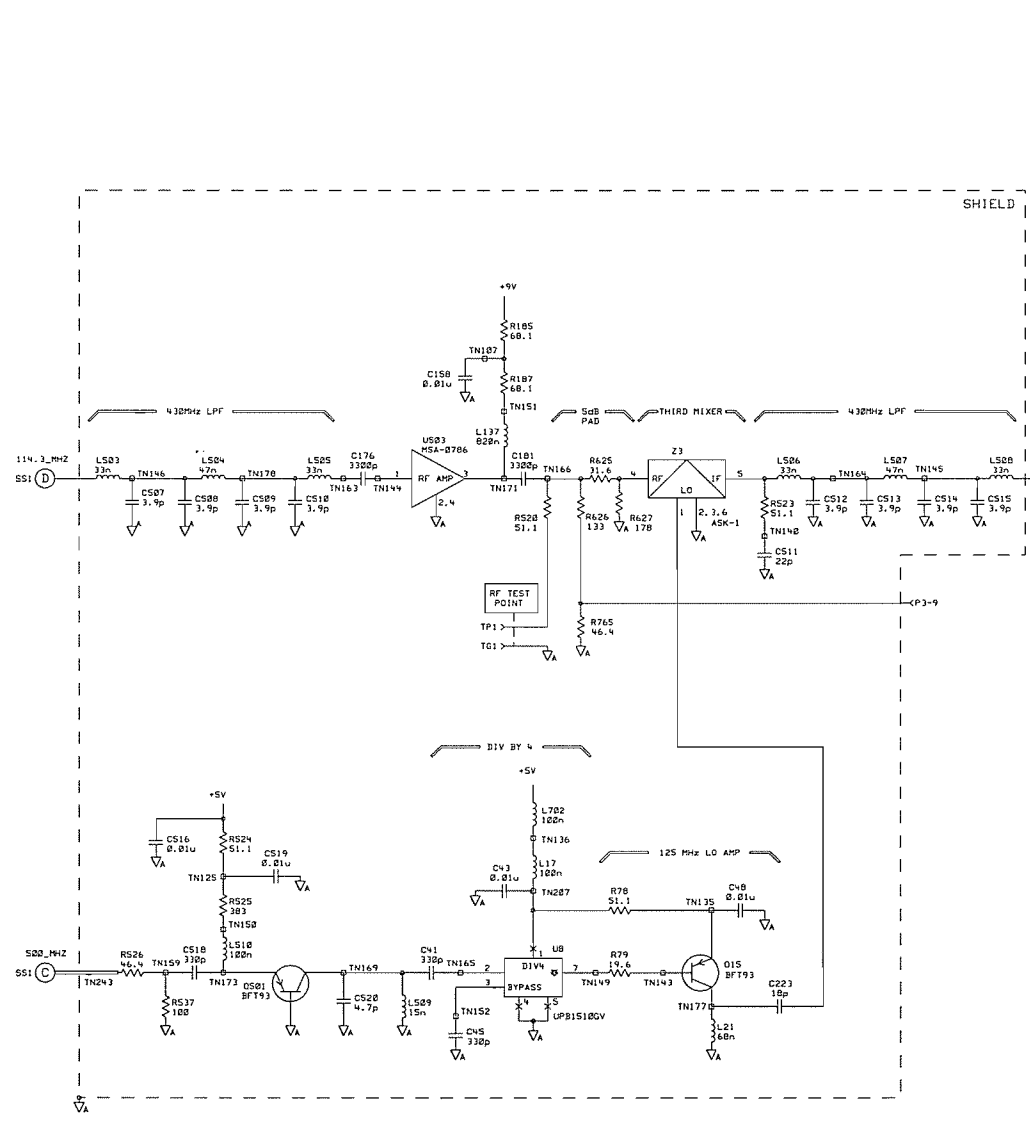
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DATE: 23NOV01
DATE: 23NOV01
DATE: 23NOV01
DATE: 23NOV01

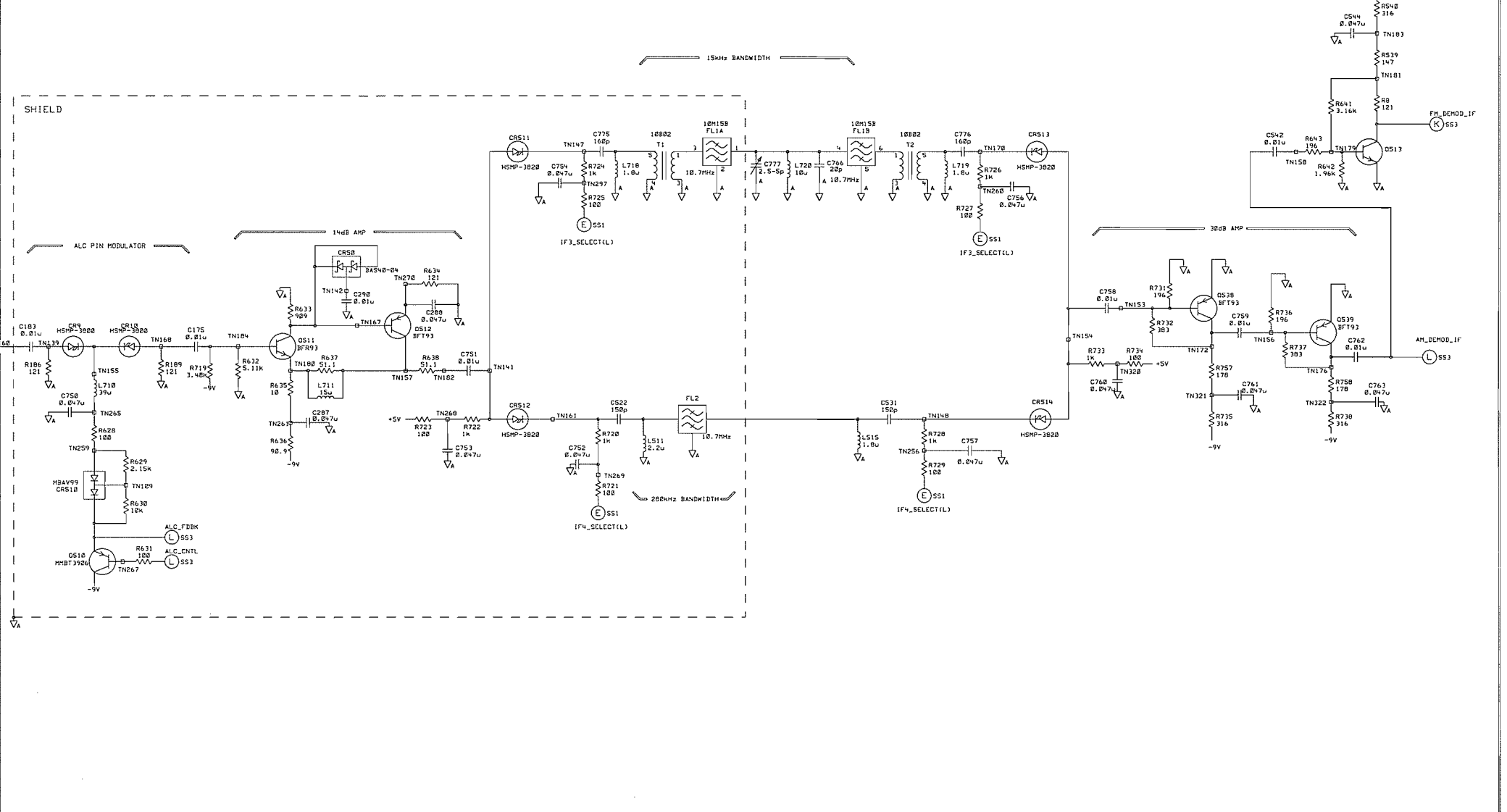
SCHEMATIC, PWA
RECEIVER
BOARD
SHEET 1 OF 3
D-08920-60817-1

5300	K	D-08920-60817-1
SYM	REVISIONS	APPROVED
G	CHGS PCO'S 10-10464 & 10514	[REDACTED]
H	CHG PER PCO 10-10767	[REDACTED]
J	CHG PER PCO'S 10-11145/11155	[REDACTED]
K	AS PER PCO E6-70877	[REDACTED]
		DATE
		06-28-99
		12-15-99
		09-06-00
		23NOV01

H DOWNCONVERSION TO 10.7MHz



I FIRST ALC MODULATOR AND SELECTABLE BANDPASS FILTERS

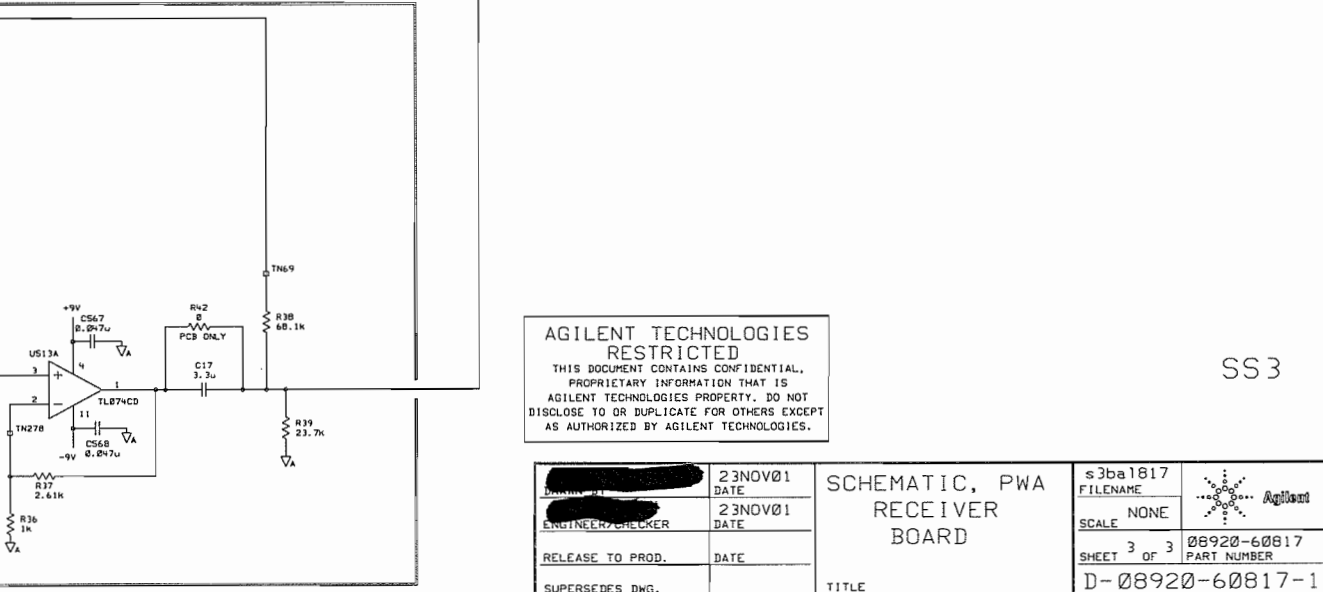
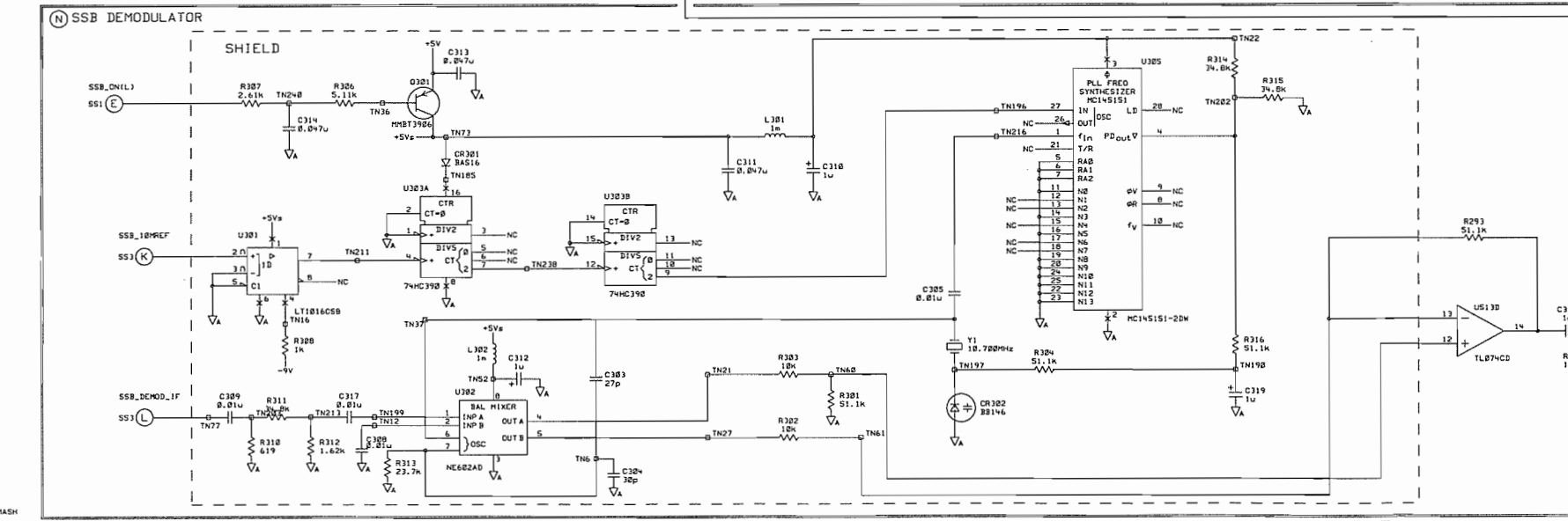
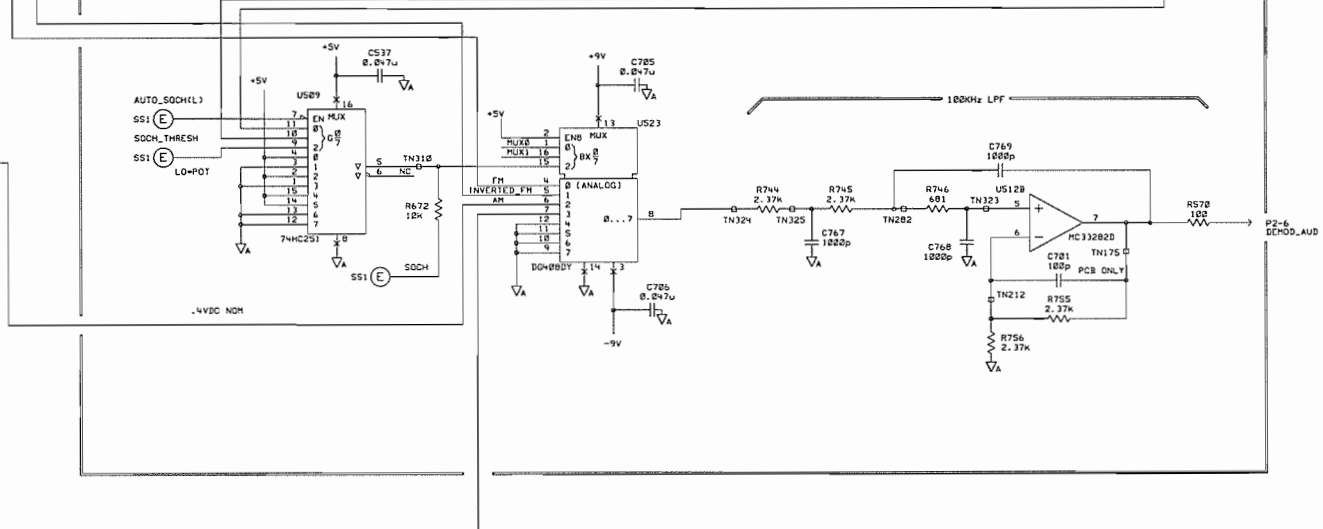
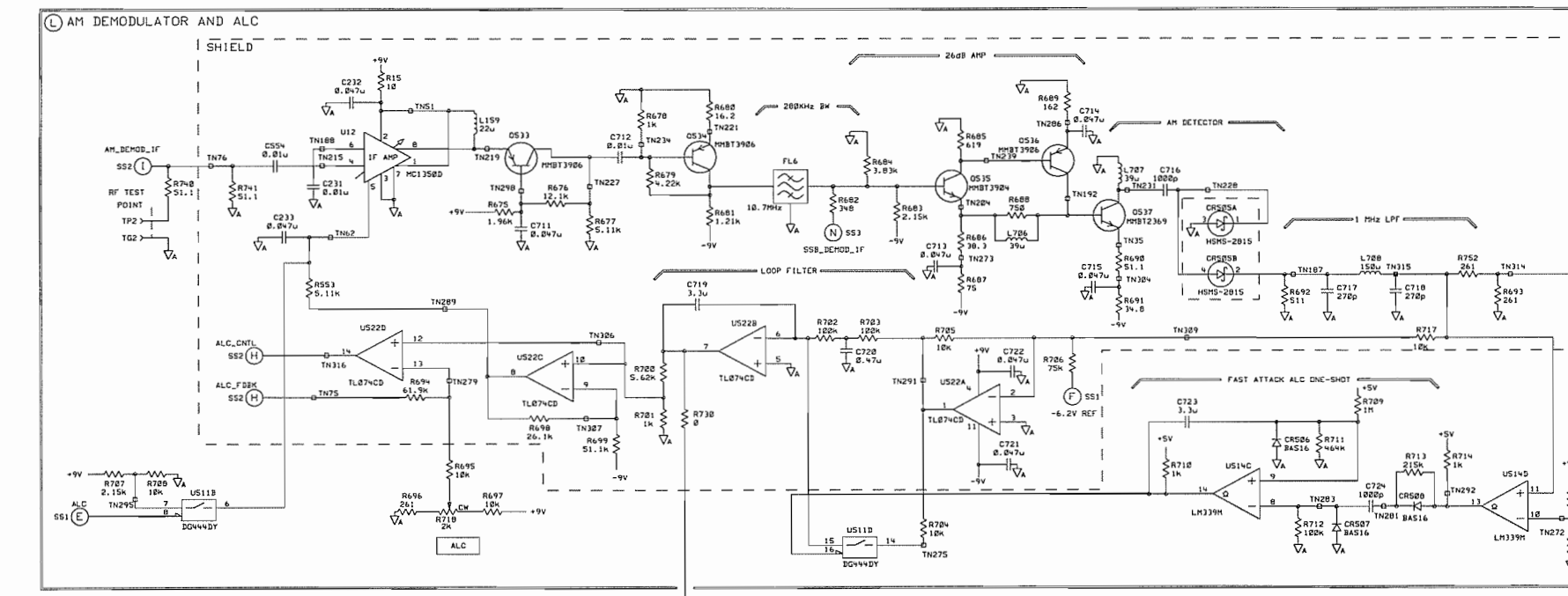
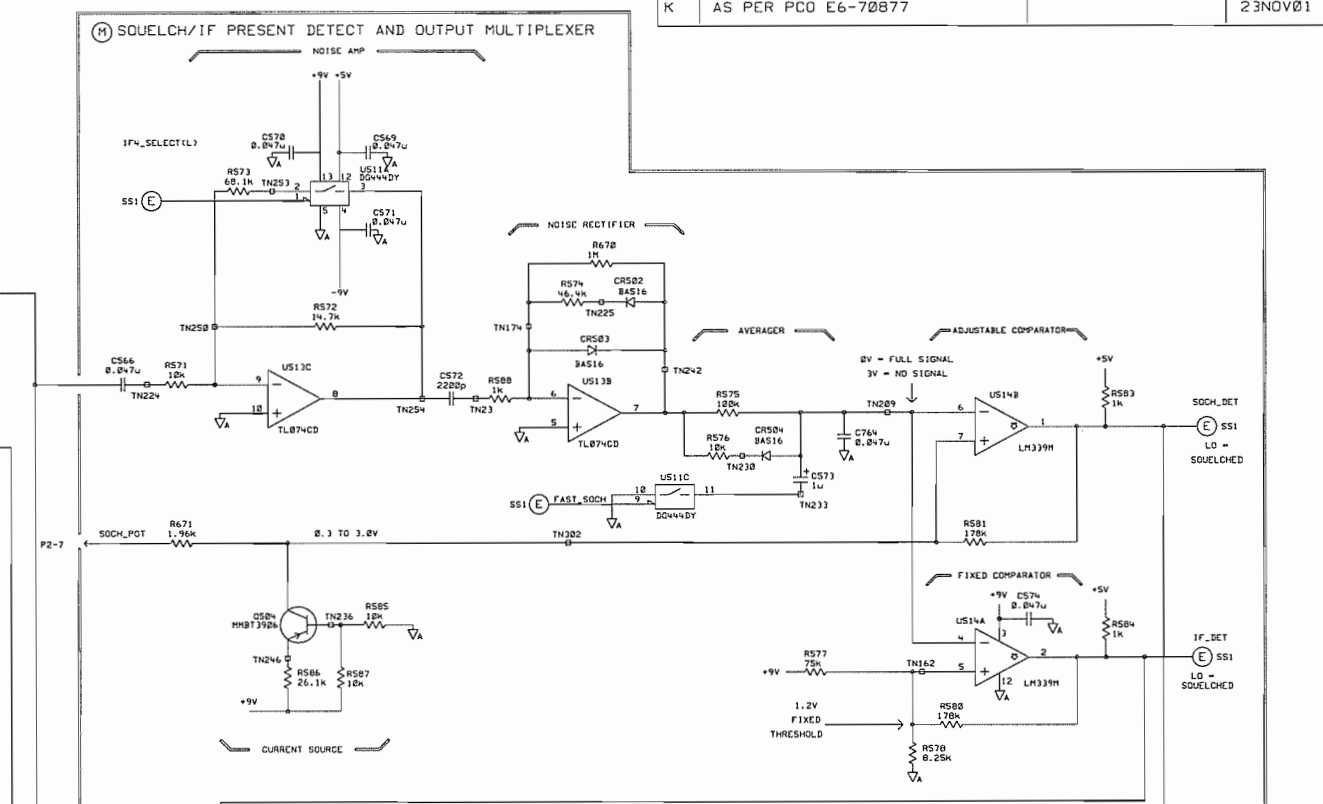
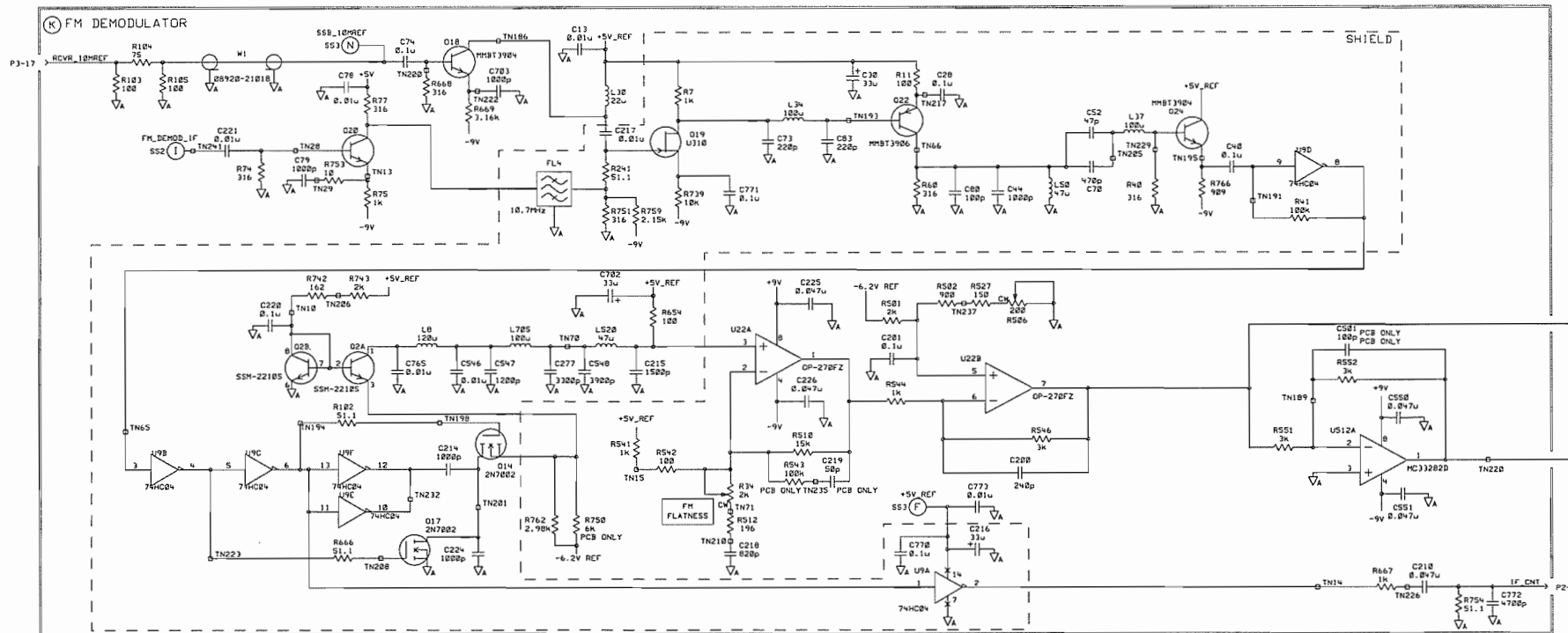


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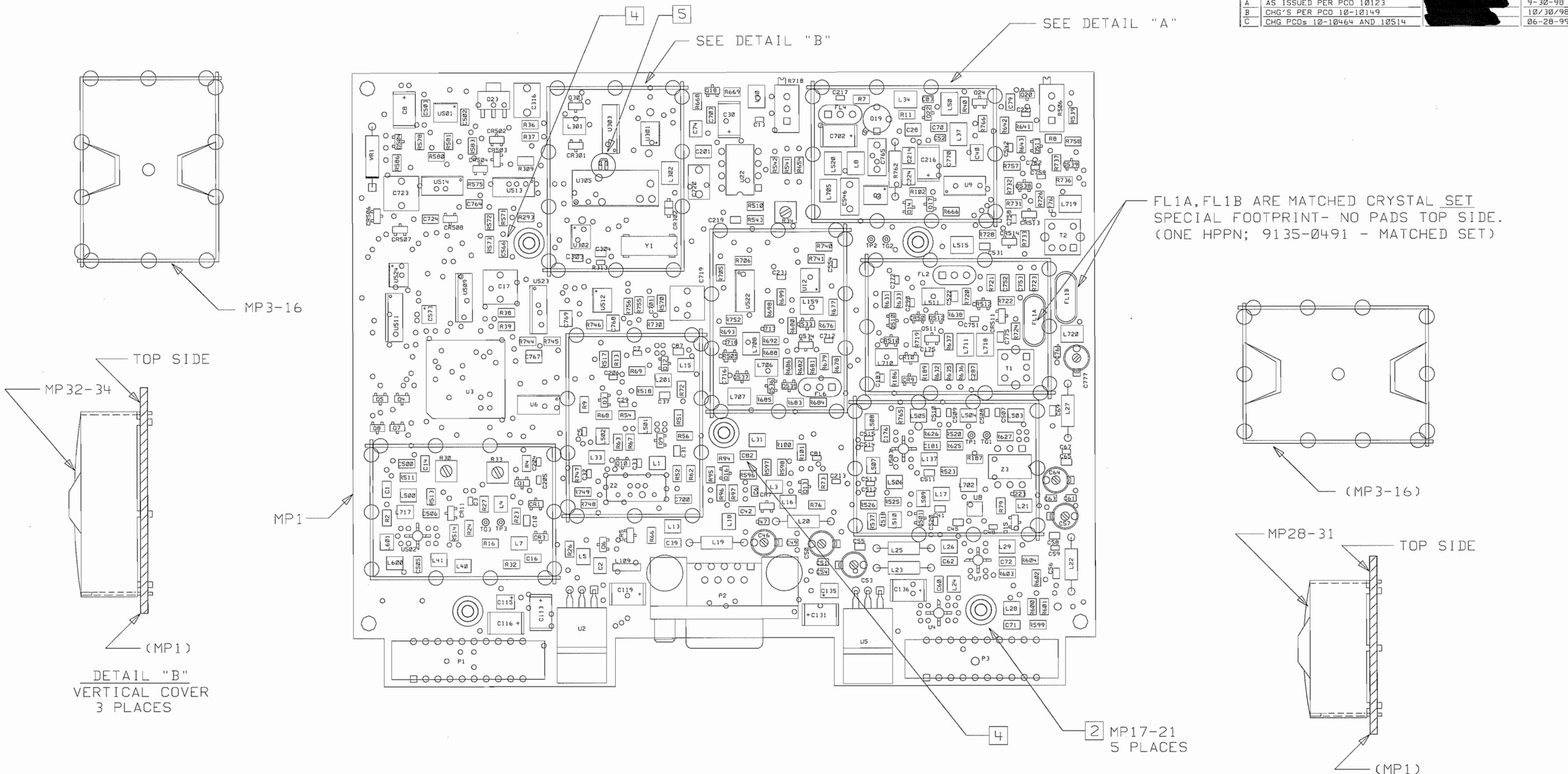
DRAWN BY	[REDACTED]	23NOV01
ENGINEER/CHECKER	[REDACTED]	23NOV01
RELEASE TO PROD.	DATE	
SUPERSEDES DWG.		

SCHEMATIC, PWA
RECEIVER
BOARD

s2ba1817	FILENAME	Agilent
SCALE	NONE	
SHEET 2 OF 3	08920-60817	PART NUMBER
	D-08920-60817-1	TITLE



S300		D-08920-60817-2	
SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 10123		9-30-98
B	CHG'S PER PCO 10-10149		10/30/98
C	CHG PCOs 10-10464 AND 10514		06-28-99



NOTES: UNLESS OTHERWISE SPECIFIED

1. THERE ARE PARTS THAT ARE NOT LOADED ON THIS ASSY. REFER TO PIC DATA FOR REFERENCE DESIGNATORS.
2. INSTALL (MP17-21) FROM TOP SIDE.
3. THIS BOARD CONTAINS 1 FINE PITCH PART.
4. COMPONENTS C566 AND C82 MUST BE HAND-LOADED AND HAND-SOLDERED AFTER STAND-OFF (MP17-21) INSTALLATION.
5. SOLDER KLUDGE WIRE (W5) BETWEEN PINS 23 AND 24 OF U305.

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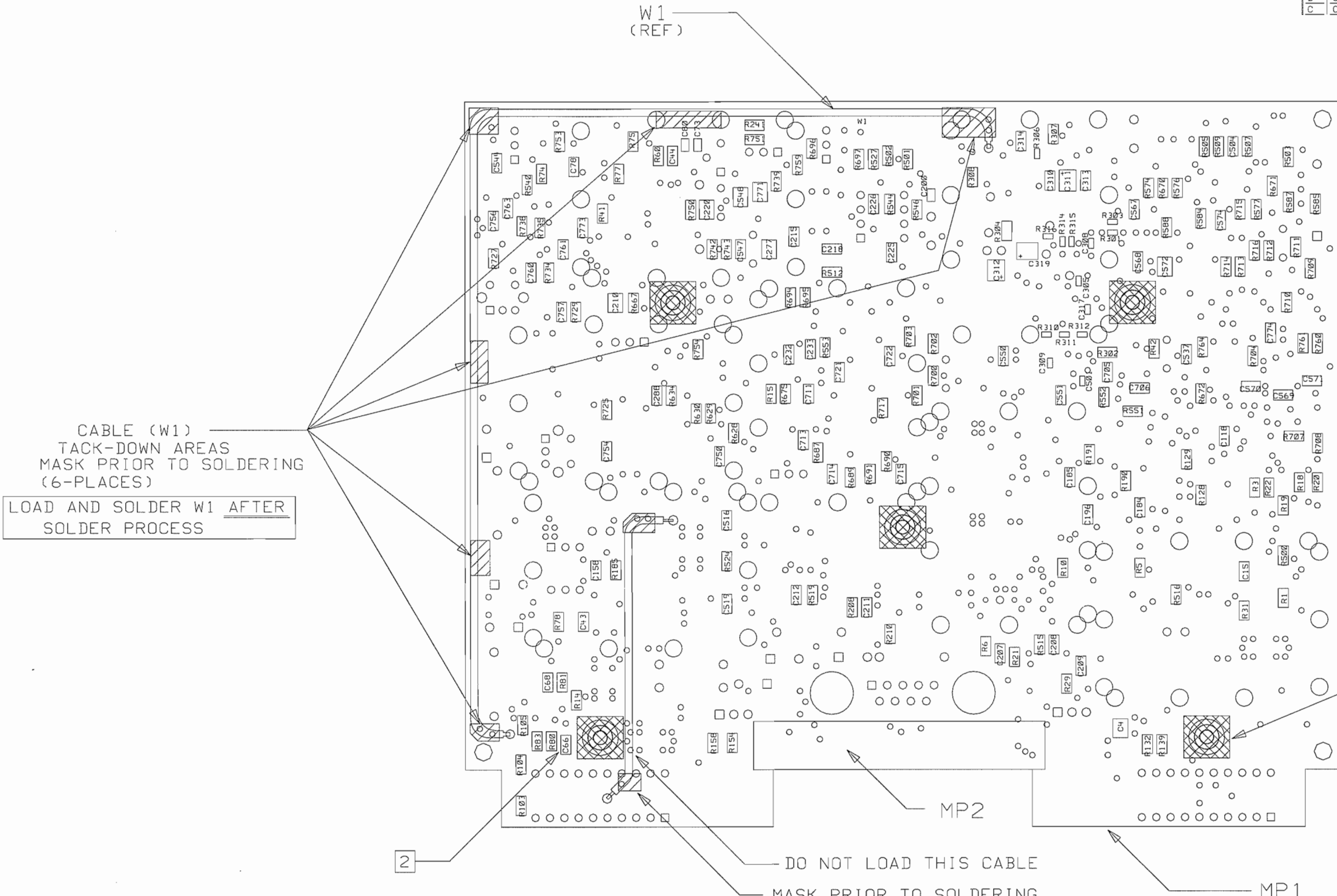
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES: XX.XXX ±.010
XX.XX ±.02
THIRD ANGLE PROJECTION
DO NOT SCALE THIS DRAWING

DRAWN BY [REDACTED] 5-29-98
DATE [REDACTED] ON 5-29-98
DESIGNER/CHECKER [REDACTED] DATE [REDACTED]
RELEASE TO PROD. 9-30-98
DATE [REDACTED]
SUPERSEDES DNG.

ASSEMBLY, PWB
RECEIVER
BOARD

albal1817
DATE [REDACTED]
SCALE NONE
SHEET 1 of 2
PART NUMBER 08920-60817
D-08920-60817-2

TOP SIDE



NOTES: UNLESS OTHERWISE SPECIFIED

- 1 HATCHED AREAS UNDER STANDOFFS TO REMAIN FREE OF EXCESS SOLDER. (MP17-21), 5 PLACES.
- 2 COMPONENT C66 MUST BE HAND-LOADED AND HAND-SOLDERED AFTER STAND-OFF (MP17-21) INSTALLATION.

BOTTOM SIDE

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	TOLERANCES: XX.XXX ±.010 XX.XX ±.02		S-29-98		SCALE NONE	
	THIRD ANGLE PROJECTION	RELEASE TO PROD.	9-30-98		SHEET 2 OF 2	
	DO NOT SCALE THIS DRAWING	SUPERSEDES DWG.			PART NUMBER	
				TITLE	D-08920-60817-2	

Component-Level Information Packet

A17

RECEIVER SYNTHESIZER

08920-68127

8920A COMPONENT LEVEL INFORMATION ERRATA

A17 Receiver Synthesizer

Change A17 to:

A17, 08920-61827, 1, RECEIVER SYNTHESIZER (New), 28480, 08920-61828
A17, 08920-69027, 1, RECEIVER SYNTHESIZER (Exchange), 28480, 08920-69028
A17, 08920-60220-1, REF, RECEIVER SYNTHESIZER SCHEMATIC DIAGRAM
A17, 08920-60220-2, REF, RECEIVER SYNTHESIZER COMPONENT LOCATOR

Change A17R7 to:

A17R7, 0699-1353, 1, RES-FXD TF 23.7OHM +-1% .125W 0+-100TC, 81349, M55342K07B23D7R

Change A17R100 to:

A17R100, 0699-1428, 1, RES-FXD TF 348OHM +-1% .125W 0+-100TC, 81349, M55342K07B348DR

Add A17R204:

A17R204, 0699-1432, 1, RES-FXD TF 511OHM +-1% .125W 0+-100TC, 81349, M55342K07B511DR

Add A17U18:

A17U18, 1818-5236, 1, IC-EEPROM CMOS 256X16 3-S 500NS, 27014, NM93C66M8

Change A17VR3 to:

A17VR3, 1902-0947, 1, DIODE-ZENER .4W 3.6V +-5% +.036%TC, 04713, SZ30035-5

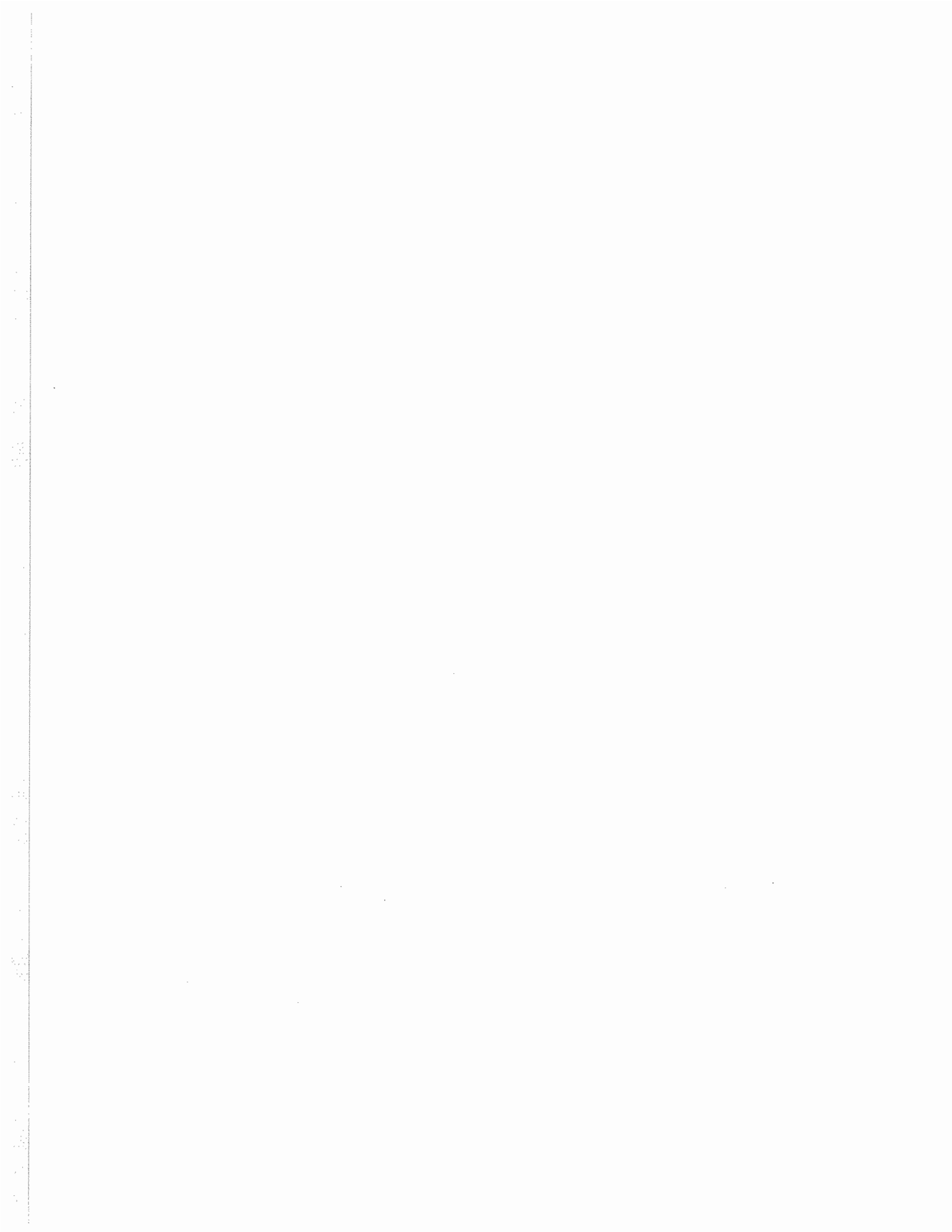
Delete 0515-1753 from A17.

Add 0515-0655 to A17:

A17, 0515-0655, 10, SCR-MACH PH M3X.5 8MM-LG T10 SST, 28480, 0515-0655

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.



A17 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17	08920-68127	1	RECEIVER SYNTHESIZER (New)	28480	08920-61027
A17	08920-69027	1	RECEIVER SYNTHESIZER (Exchange)	28480	08920-61027
A17	08920-60120-1	REF	RECEIVER SYNTHESIZER SCHEMATIC DIAGRAM		
A17	08920-60120-2	REF	RECEIVER SYNTHESIZER COMPONENT LOCATOR		
A17C1	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A17C2	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A17C3	0160-6735	1	CAP-FXD 4700PF +10% 50V CER X7R	81349	CDR32BX472BKWM
A17C4	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C5	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C6	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A17C7	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C8	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A17C9	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A17C10	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A17C11	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A17C12	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A17C13	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A17C14	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A17C15	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C16	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C17	0160-5972	1	CAP-FXD 5.6PF +8.93% 50V CER COG	51406	GRM40-001C0G5R6D050C
A17C21	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C22	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C23	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A17C25	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C26	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C27	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A17C29	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A17C30	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A17C31	0160-5961	1	CAP-FXD 22PF +5% 50V CER COG	81349	CDR01BP220BJWM
A17C32	0180-3754	1	CAP-FXD 10UF +20% 25V TA	33297	NRD106M25P12
A17C33	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A17C34	0160-5953	1	CAP-FXD 270PF +5% 50V CER COG	81349	CDR01BX271BJWM
A17C37	0180-3755	1	CAP-FXD 33UF +20% 10V TA	33297	NRD336M10R12
A17C38	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A17C39	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C40	0160-5953	1	CAP-FXD 270PF +5% 50V CER COG	81349	CDR01BX271BJWM
A17C41	0160-5953	1	CAP-FXD 270PF +5% 50V CER COG	81349	CDR01BX271BJWM
A17C42	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C43	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C44	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C45	0160-6734	1	CAP-FXD 0.047UF +10% 50V CER X7R	7J069	C3216X7R1H473K
A17C46	0160-7120	1	CAP-FXD 0.47UF +10% 100V POLYE-MET	D9816	MKS2 0.47/100/10
A17C47	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A17C48	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A17C49	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A17C50	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A17C51	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A17C52	0160-5469	1	CAP-FXD 1 UF +10% 50V POLYE-MET	28480	0160-5469

A17 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17 (Cont'd)	08920-68127	REF	RECEIVER SYNTHESIZER	28480	08920-68127
A17C53	0160-7120	1	CAP-FXD 0.47UF +-10% 100V POLYE-MET	D9816	MKS2 0.47/100/10
A17C54	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A17C55	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A17C56	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C57	0180-3752	1	CAP-FXD 3.3UF +-20% 35V TA	33297	NRD335M35R12
A17C58	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A17C59	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A17C60	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A17C63	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A17C65	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A17C66	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C67	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C70	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C71	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C74	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C75	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C76	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A17C77	0160-5958	1	CAP-FXD 39PF +-5% 50V CER COG	81349	CDR01BP390BJWM
A17C78	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C79	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C80	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A17C81	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A17C82	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A17C83	0160-6735	1	CAP-FXD 4700PF +-10% 50V CER X7R	81349	CDR32BX472BKWM
A17C84	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C89	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C90	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C91	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C92	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C95	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A17C96	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A17C97	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C98	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A17C100	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A17C101	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A17C102	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A17C104	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A17C105	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C106	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A17C107	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C109	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C110	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A17C111	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A17C112	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A17C115	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C116	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C117	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A17C119	0160-5951	1	CAP-FXD 390PF +-5% 50V CER COG	81349	CDR01BX391BJWM
A17C122	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A17C123	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM

A17 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17 (Cont'd)	08920-68127	REF	RECEIVER SYNTHESIZER	28480	08920-68127
A17P2	1252-3780	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	747844-2
A17P3	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A17Q1	1853-0637	1	TRANSISTOR PNP SI PD=225MW TO-236AA-PKG	04713	MMBT4260
A17Q4	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A17Q5	1853-0612	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	H0002	BFT93
A17Q6	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A17Q7	1853-0637	1	TRANSISTOR PNP SI PD=225MW TO-236AA-PKG	04713	MMBT4260
A17Q8	1854-1053	1	TRANSISTOR NPN SI PD=225MW FT=300MHZ	04713	MMBT2222A
A17Q9	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A17Q10	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A17Q11	1853-0581	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	04713	MMBT5401
A17Q12	1853-0581	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	04713	MMBT5401
A17Q13	1854-1009	1	TRANSISTOR NPN SI PD=580MW FT=8GHZ	S0545	NE21935
A17Q14	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A17Q15	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A17Q16	1853-0580	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT4403
A17Q22	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93
A17Q23	1854-1053	1	TRANSISTOR NPN SI PD=225MW FT=300MHZ	04713	MMBT2222A
A17Q24	1853-0568	1	TRANSISTOR PNP SI PD=350MW TO-236AA-PKG	04713	MMBT5087
A17Q25	1854-1052	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT5550
A17R1	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A17R4	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R5	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R6	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R7	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A17R8	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A17R10	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R11	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A17R12	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R13	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R14	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A17R15	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A17R16	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A17R17	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R18	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A17R20	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A17R40	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A17R41	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A17R42	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A17R43	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A17R44	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A17R45	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R46	0699-1436	1	RESISTOR 750 +-1% .125W TF TC=0+-100	81349	M55342K07R750DR
A17R47	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A17R53	0698-8047	1	RESISTOR 32K +-0.1% .125W TF TC=0+-25	81349	RNC60J3202BS
A17R54	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	RNC60J1002BS
A17R55	0698-6782	1	RESISTOR 250 +-0.1% .125W TF TC=0+-25	19701	5033RE250R000B
A17R56	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A17R57	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A17R58	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR

A17 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17 (Cont'd)	08920-68127	REF	RECEIVER SYNTHESIZER	28480	08920-68127
A17C124	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A17C126	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C136	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A17C137	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C138	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C139	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C140	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17C141	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A17CR2	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A17CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A17CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A17CR7	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A17CR8	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A17CR9	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A17CR10	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A17CR11	0122-0173	1	DIODE-VVC 13.5PF +-7% C PD=400MW TA=25C	28480	0122-0173
A17CR12	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A17CR16	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A17DS1	1990-0517	1	LED-LAMP LUM-INT=3MCD IF=25MA-MAX BVR=5V	28480	1990-0517
A17J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	28480	1251-4670
A17L1	9140-1244	1	INDUCTOR 1MH +-5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A17L2	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A17L4	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A17L5	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A17L6	9140-1244	1	INDUCTOR 1MH +-5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A17L7	9140-1244	1	INDUCTOR 1MH +-5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A17L8	9140-1244	1	INDUCTOR 1MH +-5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A17L9	9140-1244	1	INDUCTOR 1MH +-5% Q=30 SRF=2.5MHZ	61058	ELJ-FB102JE
A17L10	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A17L11	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A17L12	9140-1323	1	INDUCTOR 4.25UH +-41% 1A	24226	51-443
A17L14	9135-0069	1	INDUCTOR 30NH +-5% Q=60 SRF=3GHZ 1A	28480	9135-0069
A17L15	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A17L16	9140-1110	1	INDUCTOR 5.6UH +-5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A17L17	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A17L18	9140-1196	1	INDUCTOR 100NH +-5% Q=28 SRF=700MHZ	7J069	NL322522-R10K
A17L19	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A17L20	9140-1194	1	INDUCTOR 15NH +-10% Q=19 SRF=2.1GHZ	24226	SM3-010K
A17L21	9140-1194	1	INDUCTOR 15NH +-10% Q=19 SRF=2.1GHZ	24226	SM3-010K
A17L22	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A17L23	9140-1110	1	INDUCTOR 5.6UH +-5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A17L24	9140-1110	1	INDUCTOR 5.6UH +-5% Q=50 SRF=33MHZ	7J069	NL453232-5R6J-3
A17L27	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A17L28	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A17L29	9140-1536	1	INDUCTOR 18NH +-10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A17L30	9140-1536	1	INDUCTOR 18NH +-10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A17L31	9140-1536	1	INDUCTOR 18NH +-10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A17L32	9140-1536	1	INDUCTOR 18NH +-10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A17L33	9140-1536	1	INDUCTOR 18NH +-10% Q=21 SRF=1.9GHZ	7J069	NL322522-018K
A17P1	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666

A17 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17 (Cont'd)	08920-68127	REF	RECEIVER SYNTHESIZER	28480	08920-68127
A17R59	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R60	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A17R61	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A17R62	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A17R63	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A17R64	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R65	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R66	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R67	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R68	0699-1319	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	81349	M55342K07R12E1R
A17R69	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A17R70	0699-1412	1	RESISTOR 75K +-1% .125W TF TC=0+-100	81349	M55342K07R75E0R
A17R72	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A17R73	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A17R74	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A17R75	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A17R76	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A17R77	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A17R78	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A17R79	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A17R80	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A17R81	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A17R84	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A17R85	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R86	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A17R87	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A17R88	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A17R90	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A17R91	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A17R92	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A17R93	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A17R94	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A17R95	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A17R96	0699-1422	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196DR
A17R97	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A17R98	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A17R99	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A17R100	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A17R101	0699-1347	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	81349	M55342K07R13D3R
A17R102	0699-1347	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	81349	M55342K07R13D3R
A17R103	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A17R105	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A17R106	0699-1347	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	81349	M55342K07R13D3R
A17R107	0699-1369	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	81349	M55342K07R1E10R
A17R108	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A17R109	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A17R110	0699-1384	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	81349	M55342K07R4E64R
A17R111	0699-1406	1	RESISTOR 42.2K +-1% .125W TF TC=0+-100	81349	M55342K07R42E2R
A17R112	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A17R113	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R

A17 Replaceable Parts

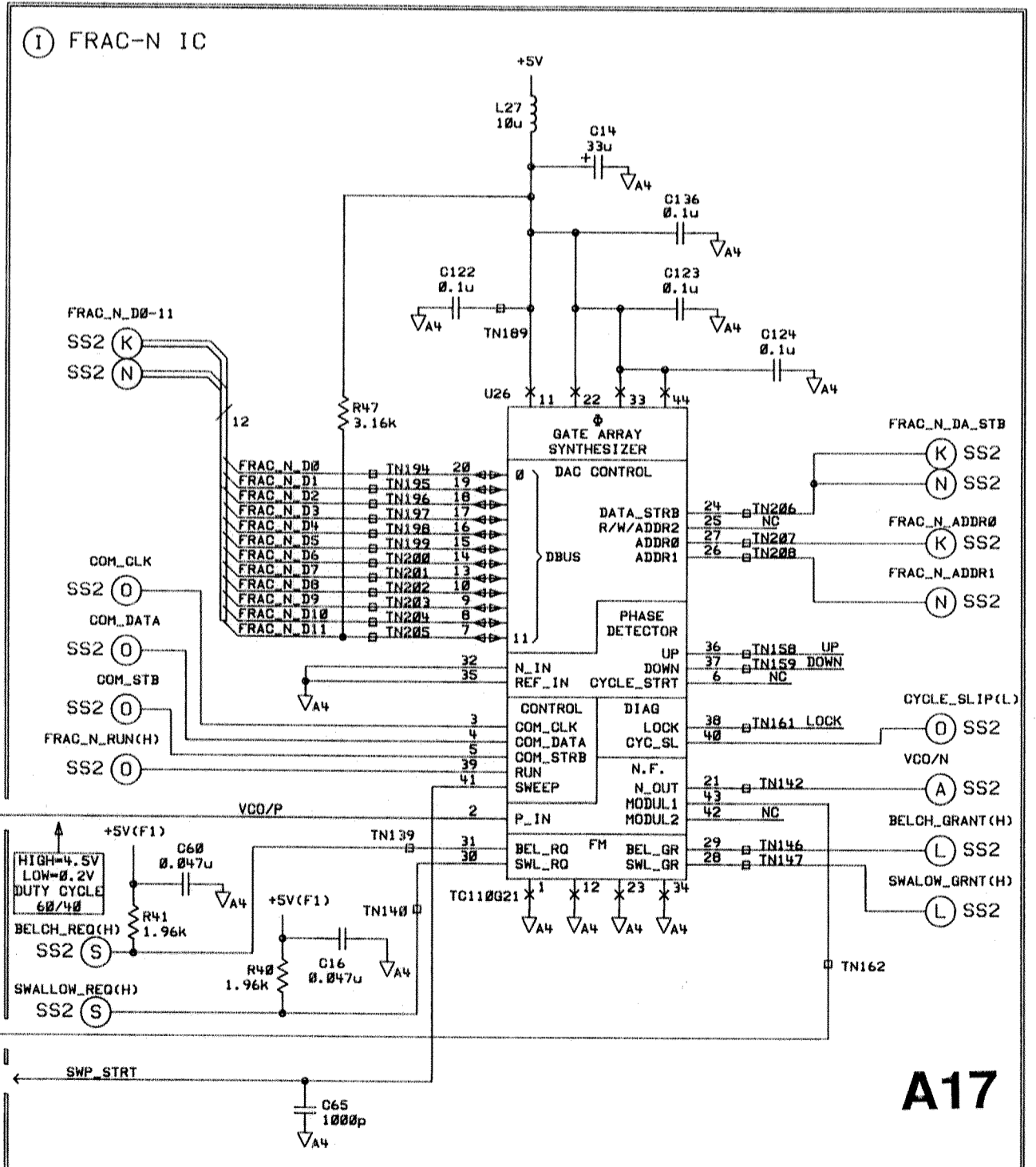
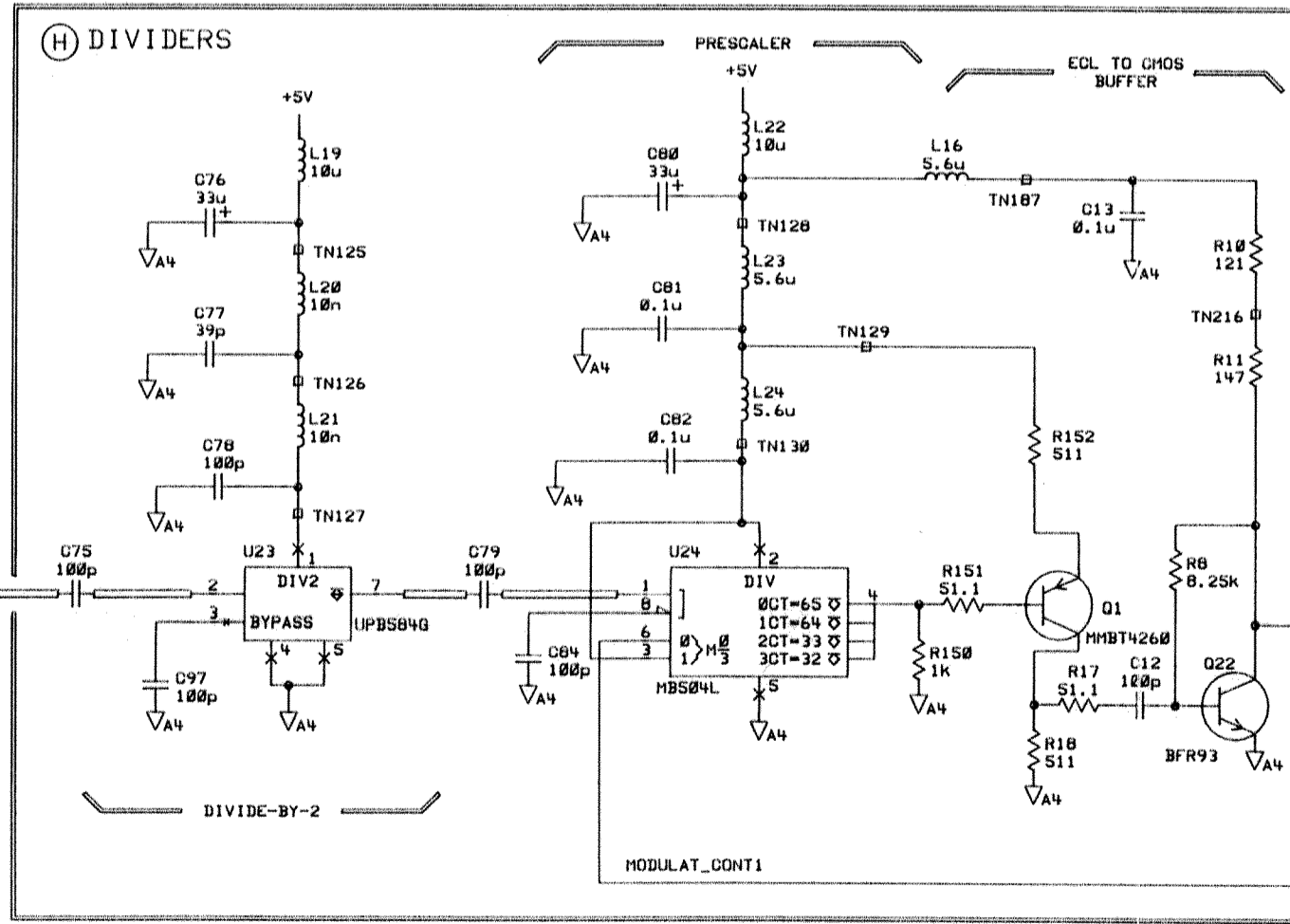
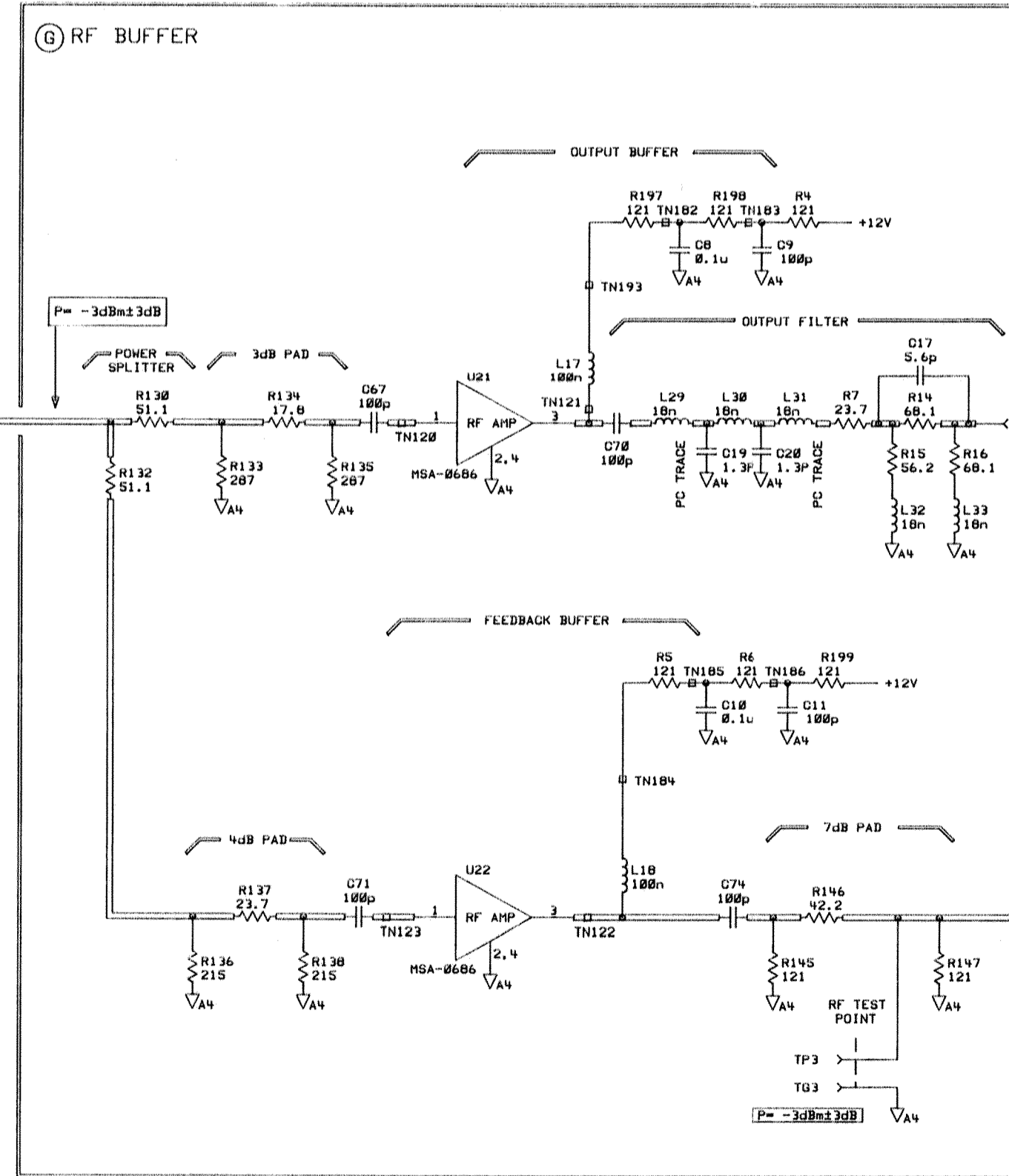
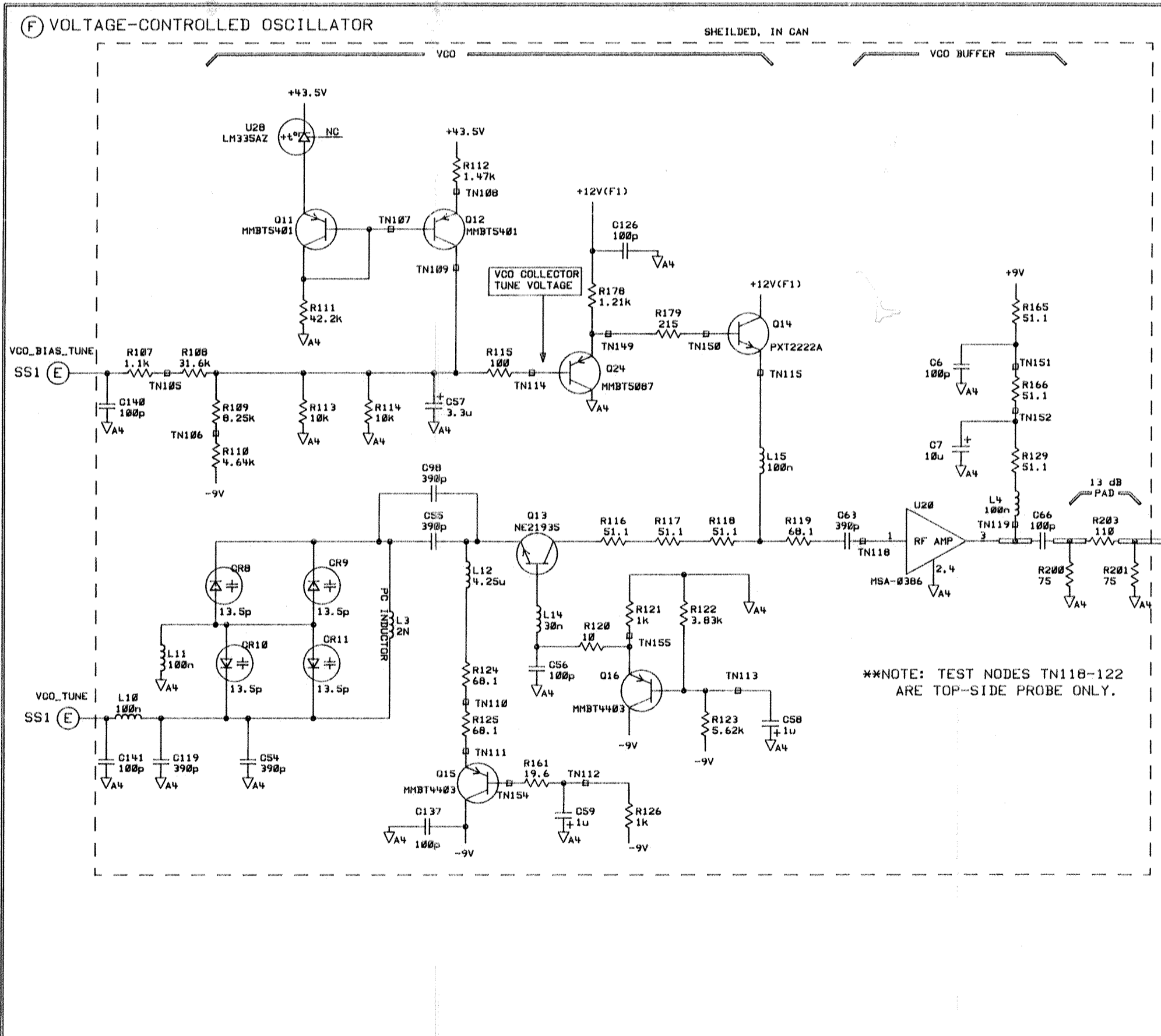
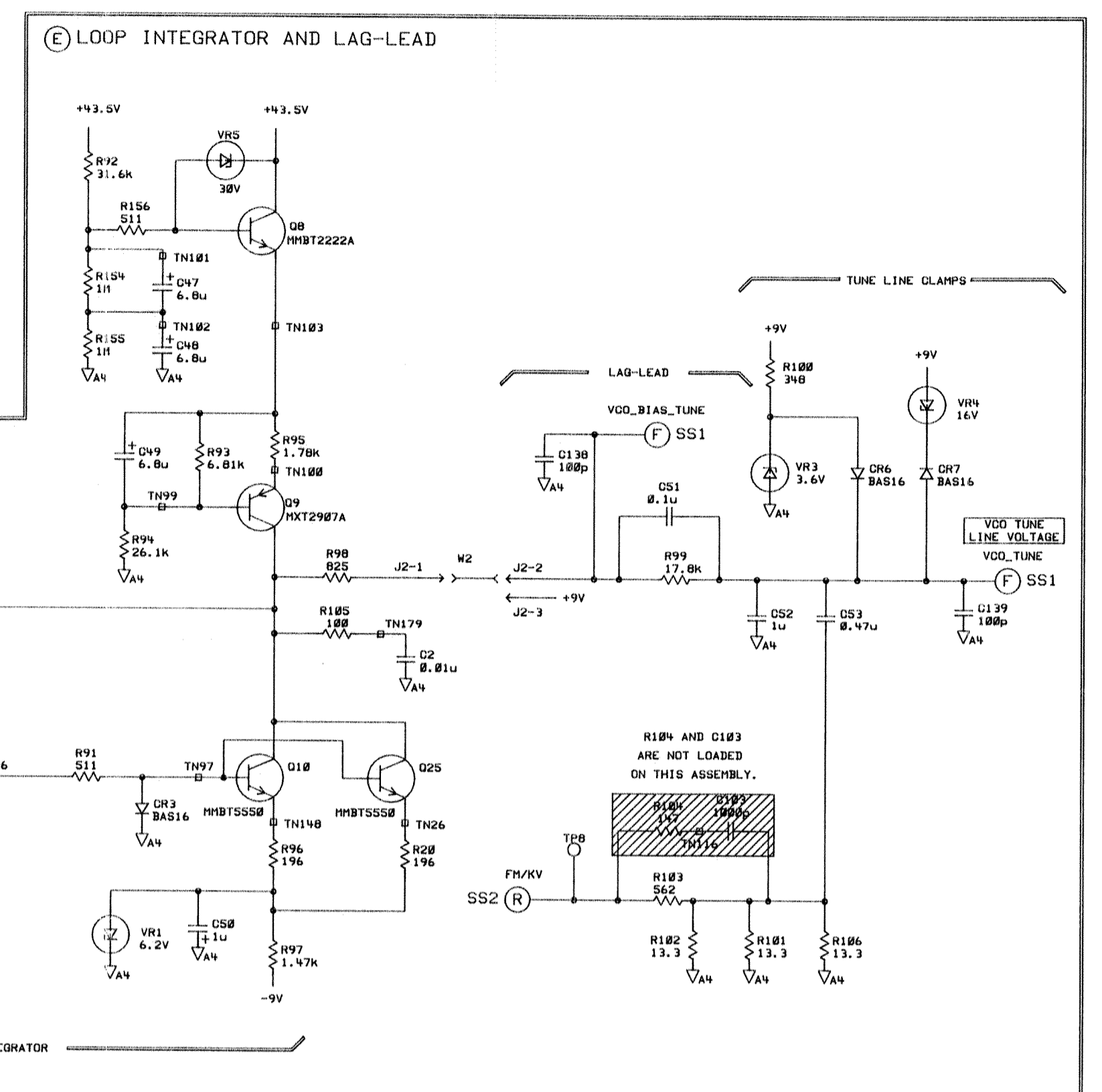
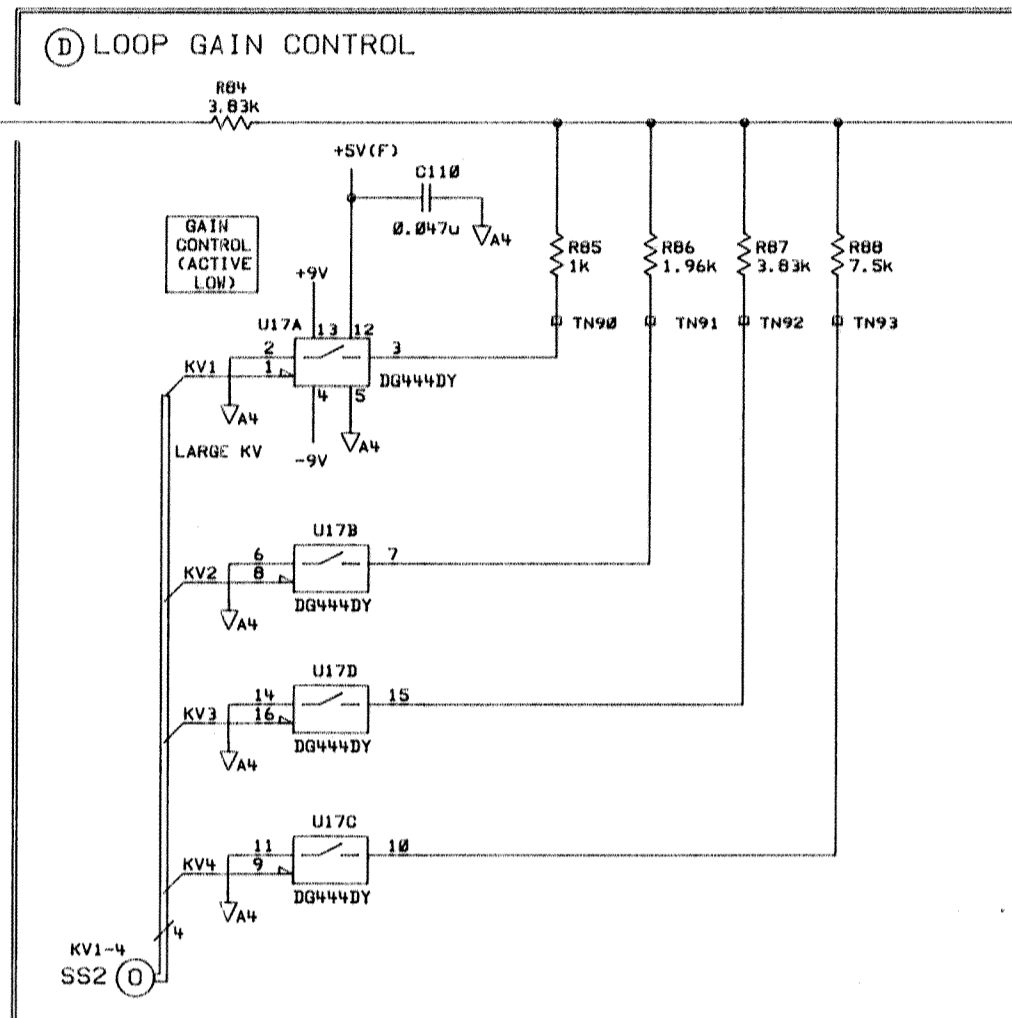
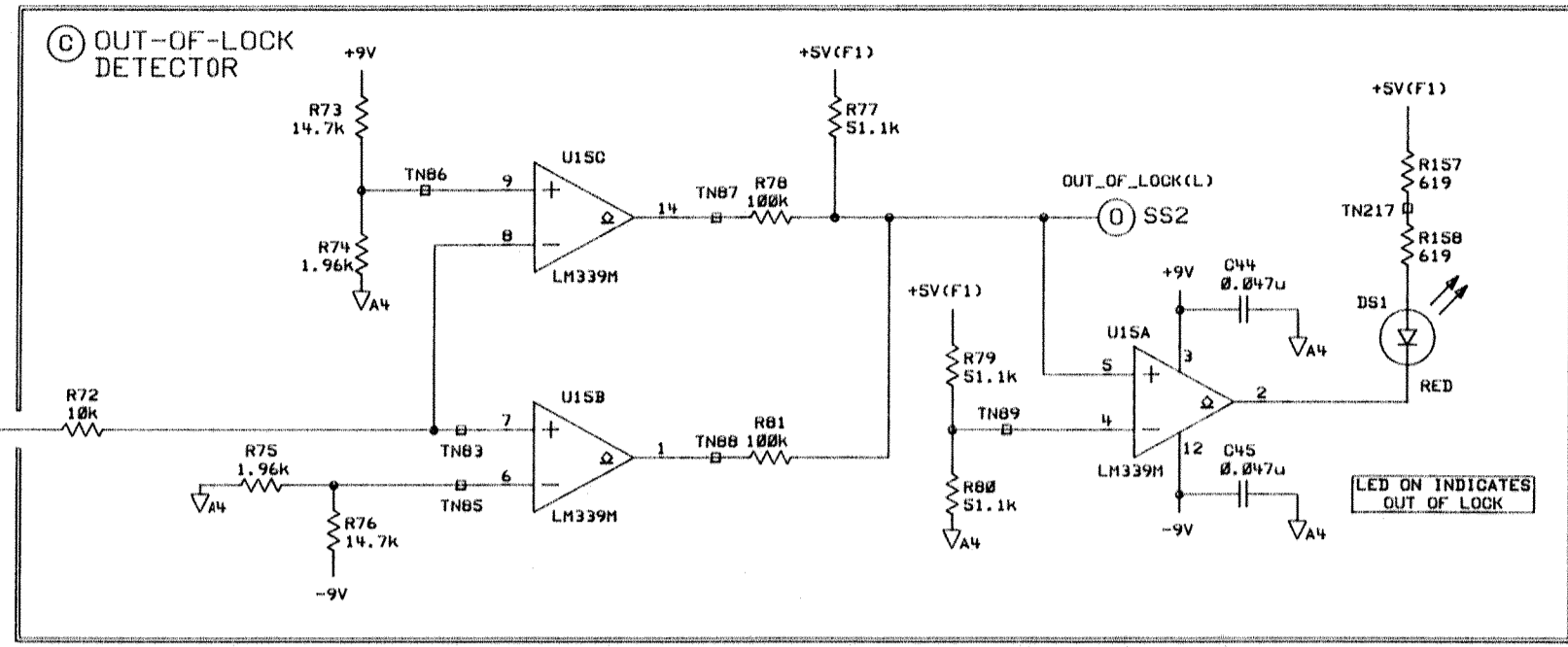
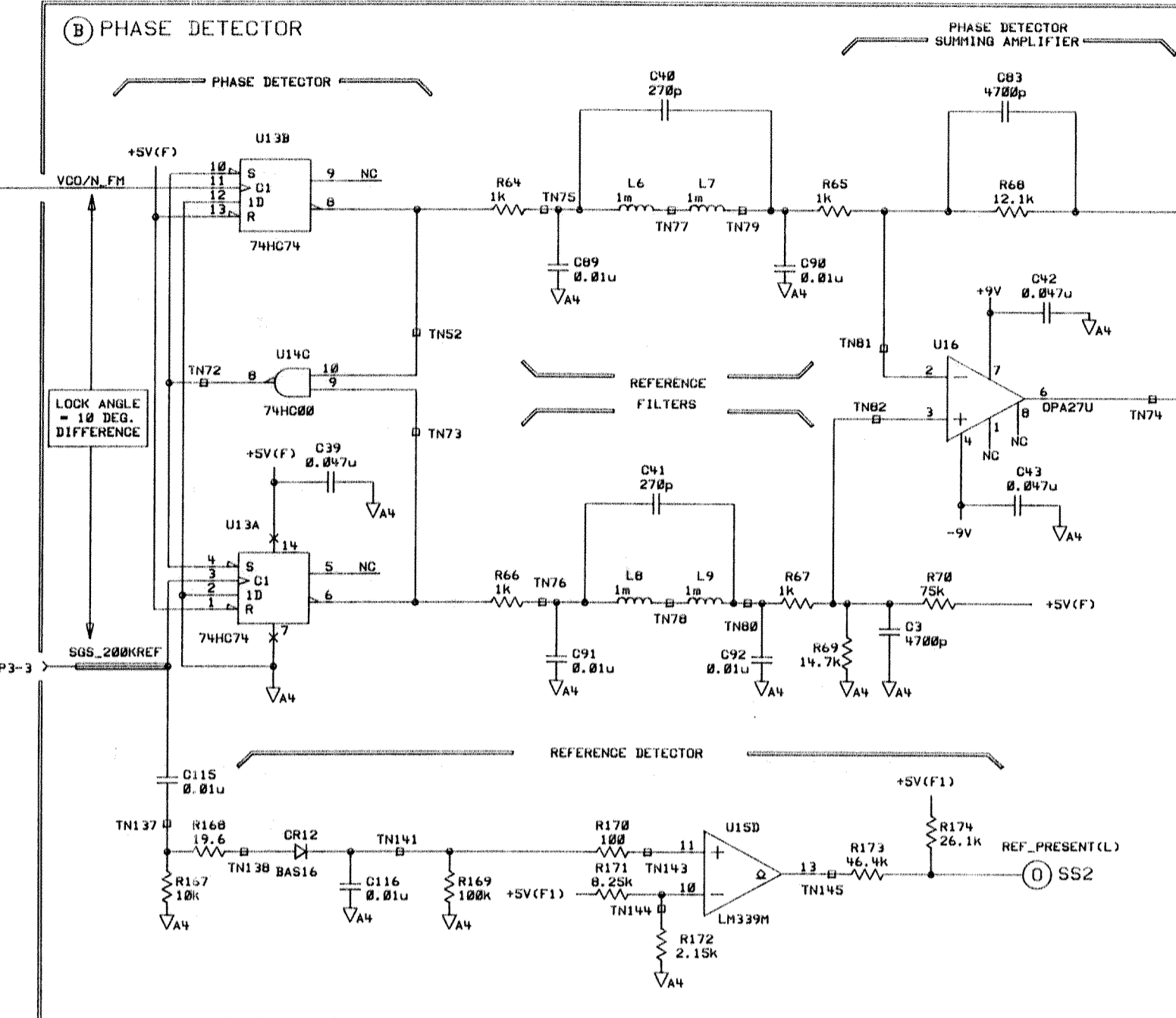
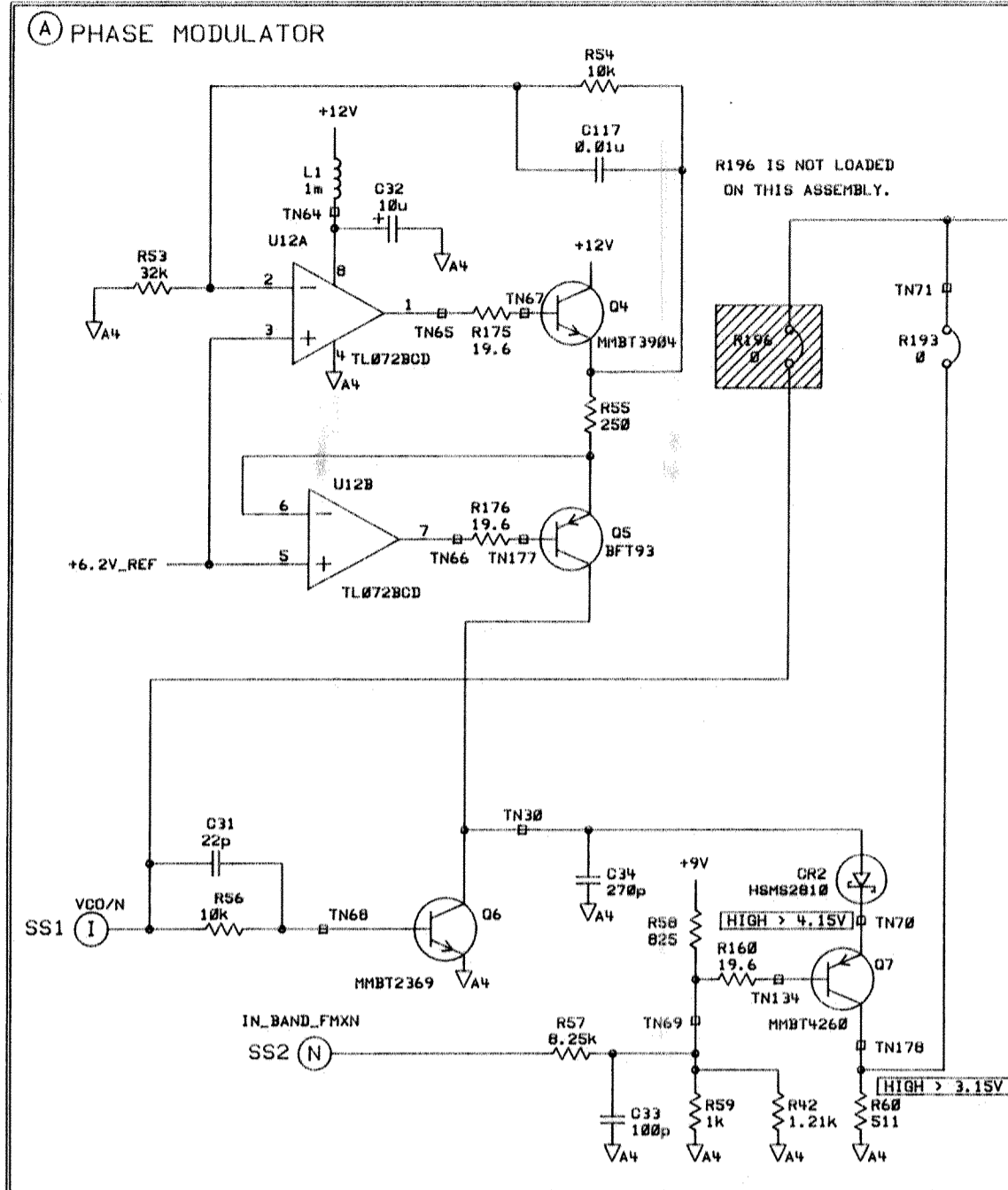
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17 (Cont'd)	08920-68127	REF	RECEIVER SYNTHESIZER	28480	08920-68127
A17R114	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A17R115	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A17R116	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R117	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R118	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R119	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A17R120	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A17R121	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R122	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A17R123	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A17R124	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A17R125	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A17R126	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R129	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R130	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R132	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R133	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A17R134	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A17R135	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A17R136	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A17R137	0699-1353	1	RESISTOR 23.7 +-1% .125W TF TC=0+-100	81349	M55342K07R23D7R
A17R138	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A17R145	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R146	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A17R147	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R150	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A17R151	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R152	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A17R154	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A17R155	0699-1327	1	RESISTOR 1M +-1% .125W TF TC=0+-100	81349	M55342K07R1F00R
A17R156	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A17R157	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A17R158	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A17R159	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A17R160	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A17R161	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A17R165	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R166	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A17R167	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A17R168	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A17R169	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A17R170	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A17R171	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A17R172	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A17R173	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A17R174	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A17R175	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A17R176	0699-1351	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	81349	M55342K07R19D6R
A17R178	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A17R179	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR

A17 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A17 (Cont'd)	08920-68127	REF	RECEIVER SYNTHESIZER	28480	08920-68127
A17R193	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A17R194	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A17R195	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A17R197	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R198	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R199	0699-1417	1	RESISTOR 121 +-1% .125W TF TC=0+-100	81349	M55342K07R121DR
A17R200	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A17R201	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A17R203	0699-1416	1	RESISTOR 110 +-1% .125W TF TC=0+-100	81349	M55342K07R110DR
A17R8001	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A17TG3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A17TP3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A17TP8	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	28480	0360-0535
A17U10	1826-0393	1	IC V RGLTR-ADJ-POS 1.2/3V TO-220 PKG	81349	M38510/11704BYC
A17U11	1826-0527	1	IC V RGLTR-ADJ-NEG 1.2/3V 3-TO-220 PKG	27014	LM337-T
A17U12	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A17U13	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	04713	MC74HC74AD
A17U14	1820-4692	1	IC GATE CMOS/HC NAND QUAD 2-INP	01295	SN74HC00D
A17U15	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A17U16	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8-PIN	13919	OPA27U
A17U17	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A17U20	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0386
A17U21	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A17U22	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A17U23	1820-6958	1	IC PRESCR ECL	33297	UPB584G
A17U24	1820-6955	1	IC PRESCR ECL	61271	MB504LPF
A17U25	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQMV2
A17U26	1820-6472	1	IC GATE-ARY CMOS	28480	1820-6472
A17U27	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8-PIN	13919	OPA27U
A17U28	1826-0760	1	IC TEMP XDRC TO-92	27014	LM335AZ
A17VR1	1902-0953	1	DIODE-ZNR 6.2V 5% PD=.4W TC=+.053% DO-35	28480	1902-0953
A17VR2	1902-0680	1	DIODE-ZNR 6.2V 5% PD=.4W TC=+.001% DO-7	81349	JAN1N827
A17VR3	1902-0948	1	DIODE-ZNR 3.9V 5% PD=.4W TC=-.012% DO-35	80131	1N5228B
A17VR4	1902-0963	1	DIODE-ZNR 16V 5% PD=.4W TC=+.088% DO-35	50088	1N5246B
A17VR5	1902-0244	1	DIODE-ZNR 30V 5% PD=1W IR=5UA	28480	1902-0244
A17W2	1258-0209	1	JUMPER-REMOVABLE 2-POS .250-IN	22526	68786-202
A17	0515-1103	6	SCREW-MACH M3 X 0.5 10MM-LG	28480	0515-1103
A17	0515-1753	10	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-1753
A17	08920-00083	1	SHIELDING GASKET, ELECTRONIC	28480	08920-00083
A17	08920-40009	2	EXTRACTOR, ELECTRICAL CARD	28480	08920-40009
A17	08920-40016	2	RETAINER, EXTRACTOR	28480	08920-40016
A17	08920-61049	1	COVER, EMI SHIELDING	28480	08920-61049
A17	08920-61050	1	COVER, EMI SHIELDING	28480	08920-61050
A17	5061-4836	1	HOUSING, CCA	28480	5061-4836



SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS PER 10-7253		07/28/92
B	REVISED PER PCO 10-7611.		03/15/93



ENGINEERING NOTES

AT ROOM TEMP:	VCO TUNE VOLTAGE	VCO COLLECTOR TUNE VOLTAGE	VCO OUTPUT FREQ +/-50MHz
4V	= 4.5V	=	500MHz
14V	= 5.5V	=	820MHz
24V	= 6.5V	=	1020MHz

T.C. VCO COLLECTOR VOLT = 22.2mV/C

PC DESIGN

VA1	= A1 GND
VA2	= A2 GND
VA3	= A3 GND
VA4	= A4 GND
VA5	= A5 GND

PC NOTES:
THE 08920-60221 AND THE 08920-60220 ASSEMBLIES USE THE SAME BOARD BLANK.

REFERENCE DESIGNATORS STARTING WITH 9XXX ARE NOT LOADED ON THE 08920-60220 ASSEMBLY.

REFERENCE DESIGNATORS STARTING WITH 8XXX ARE NOT LOADED ON THE 08920-60221 ASSEMBLY.

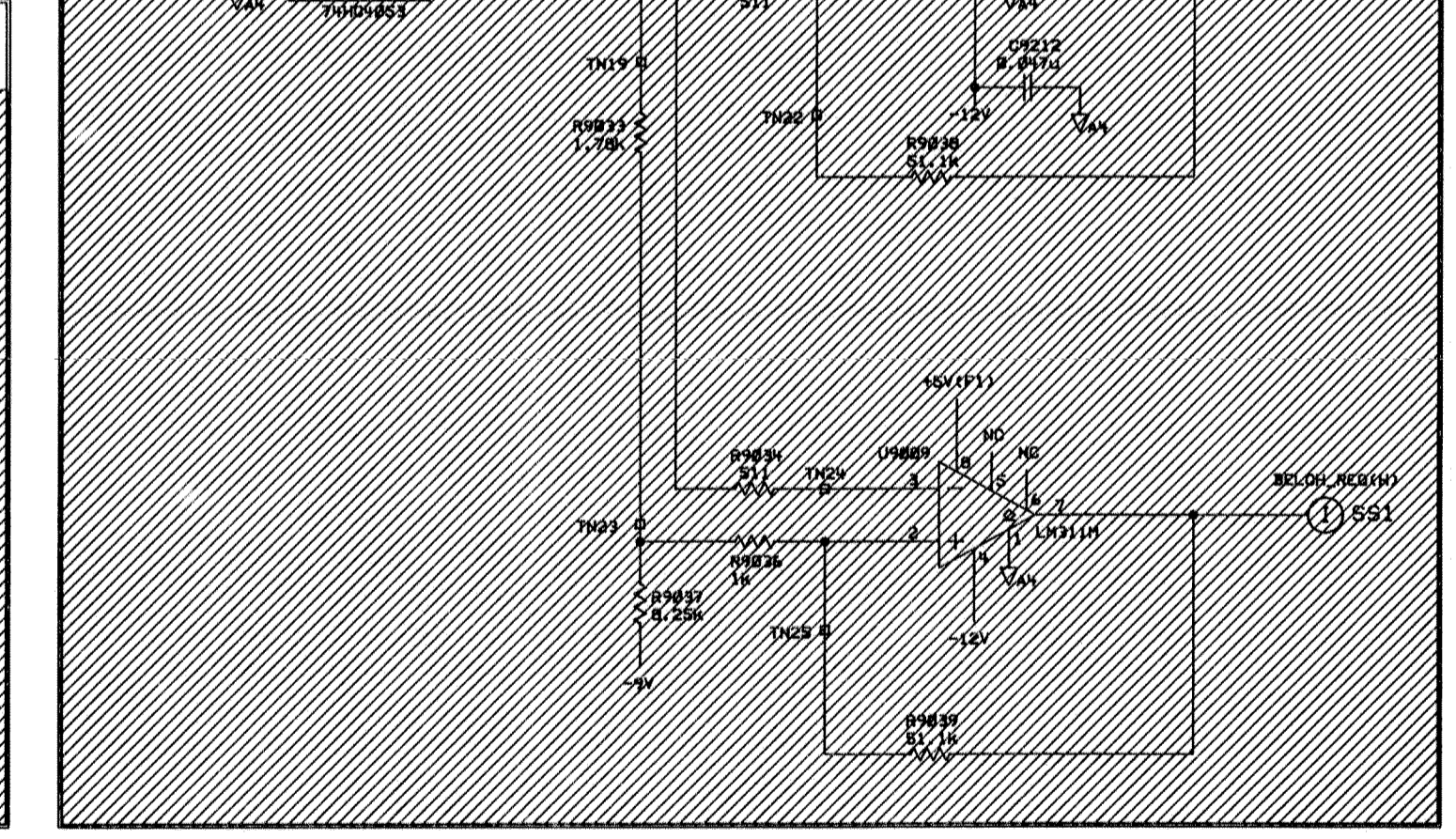
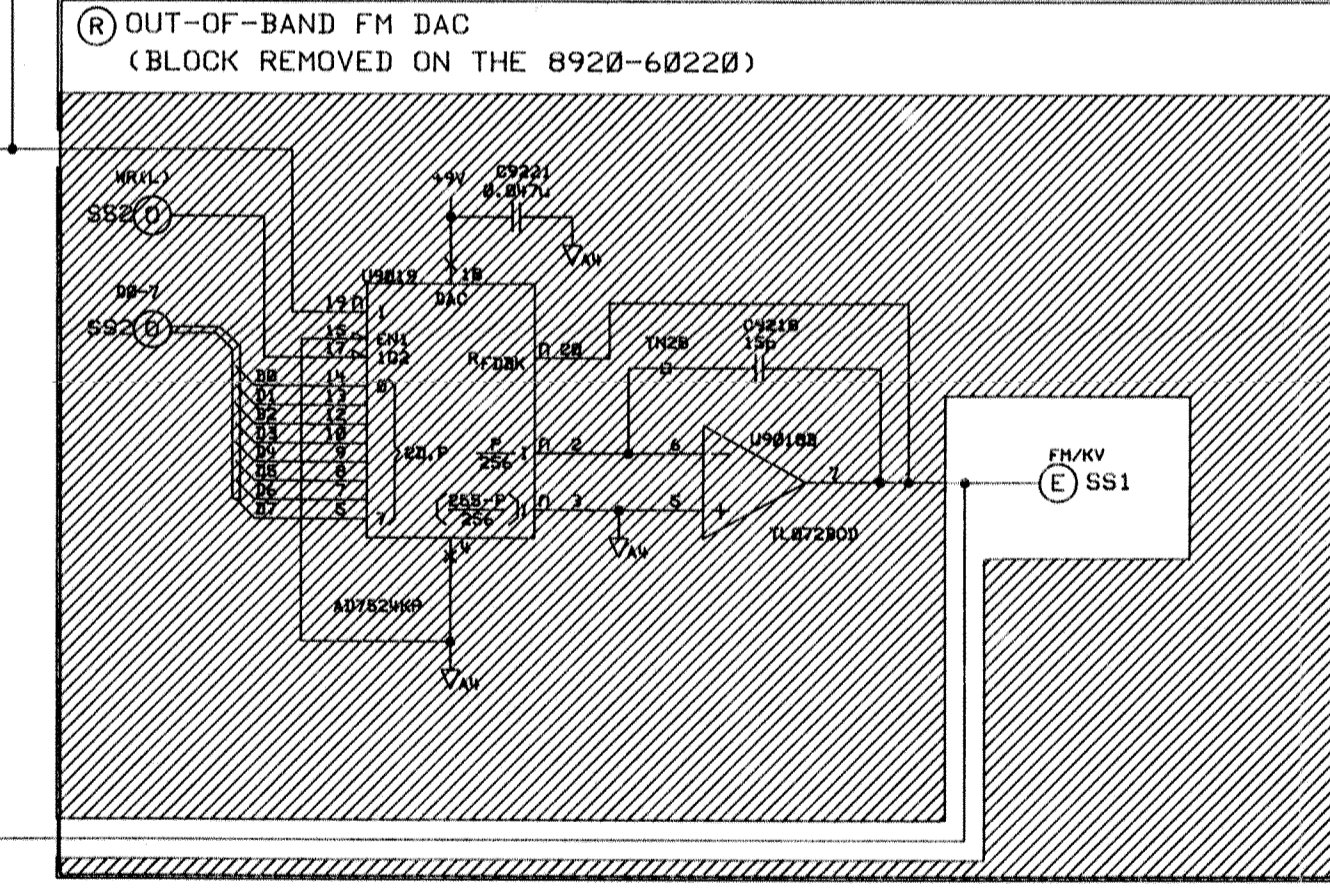
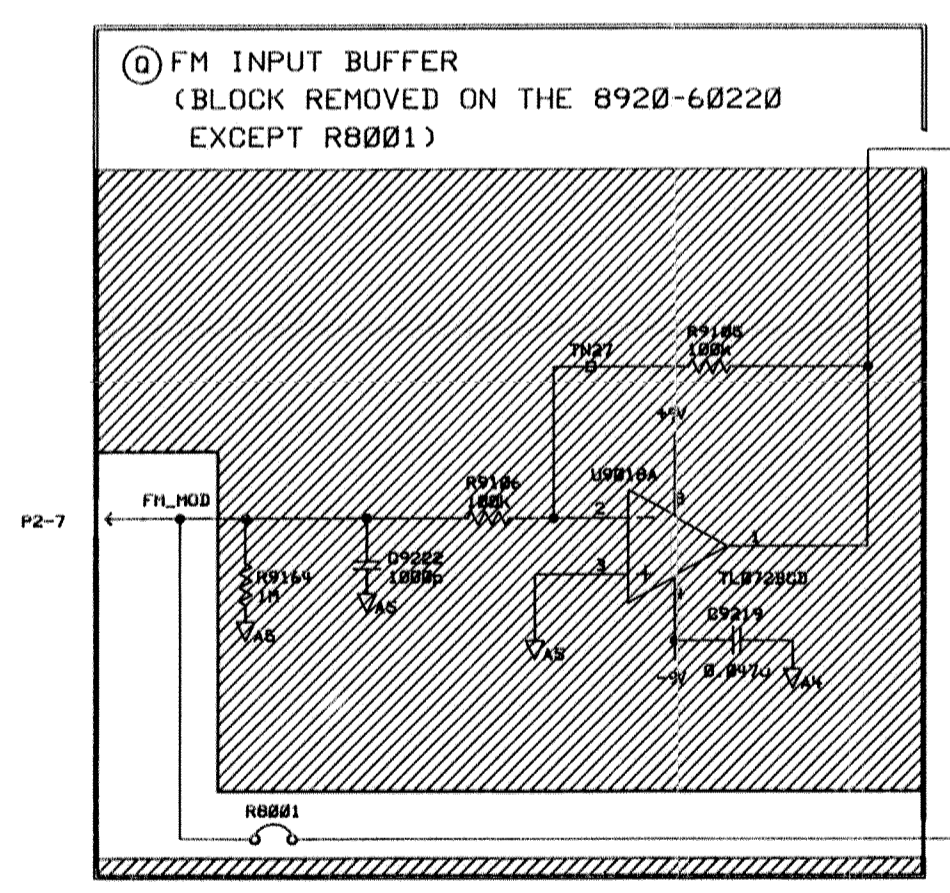
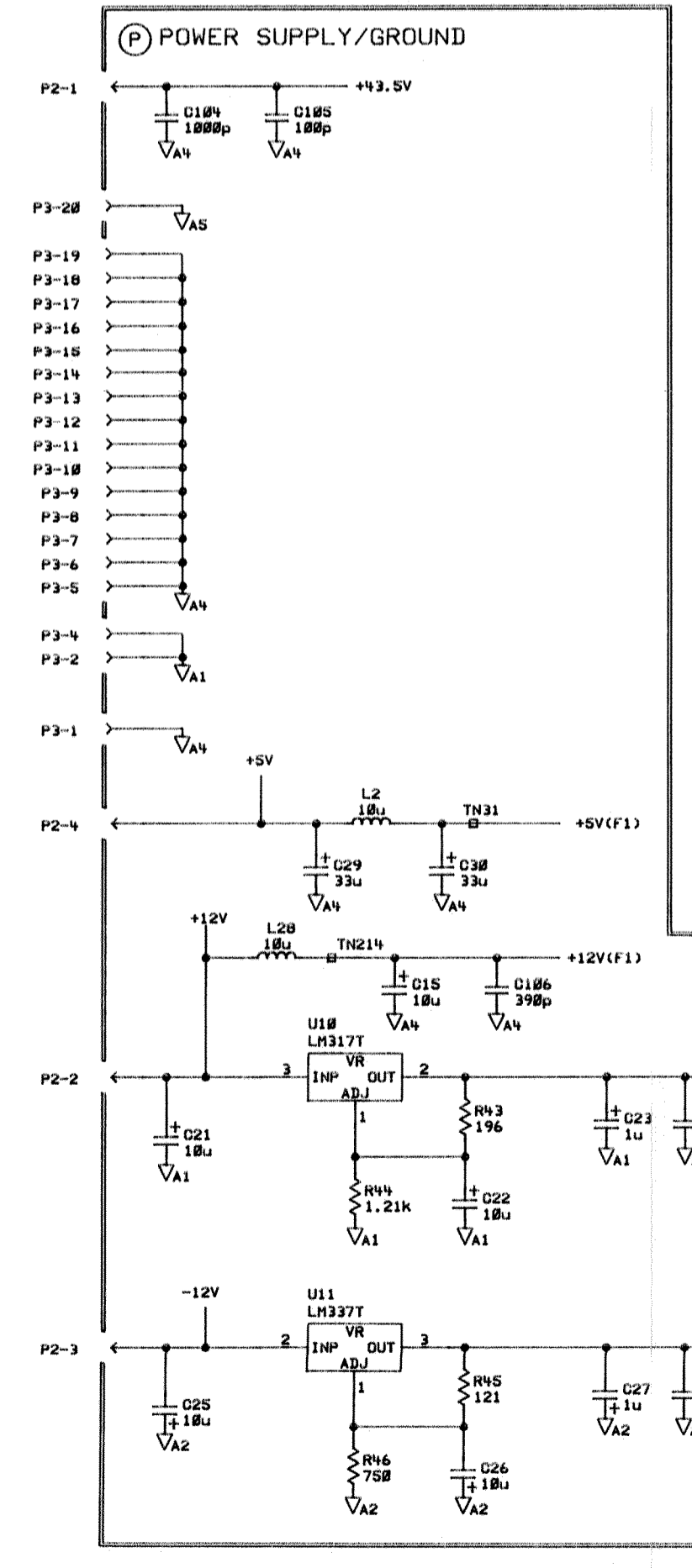
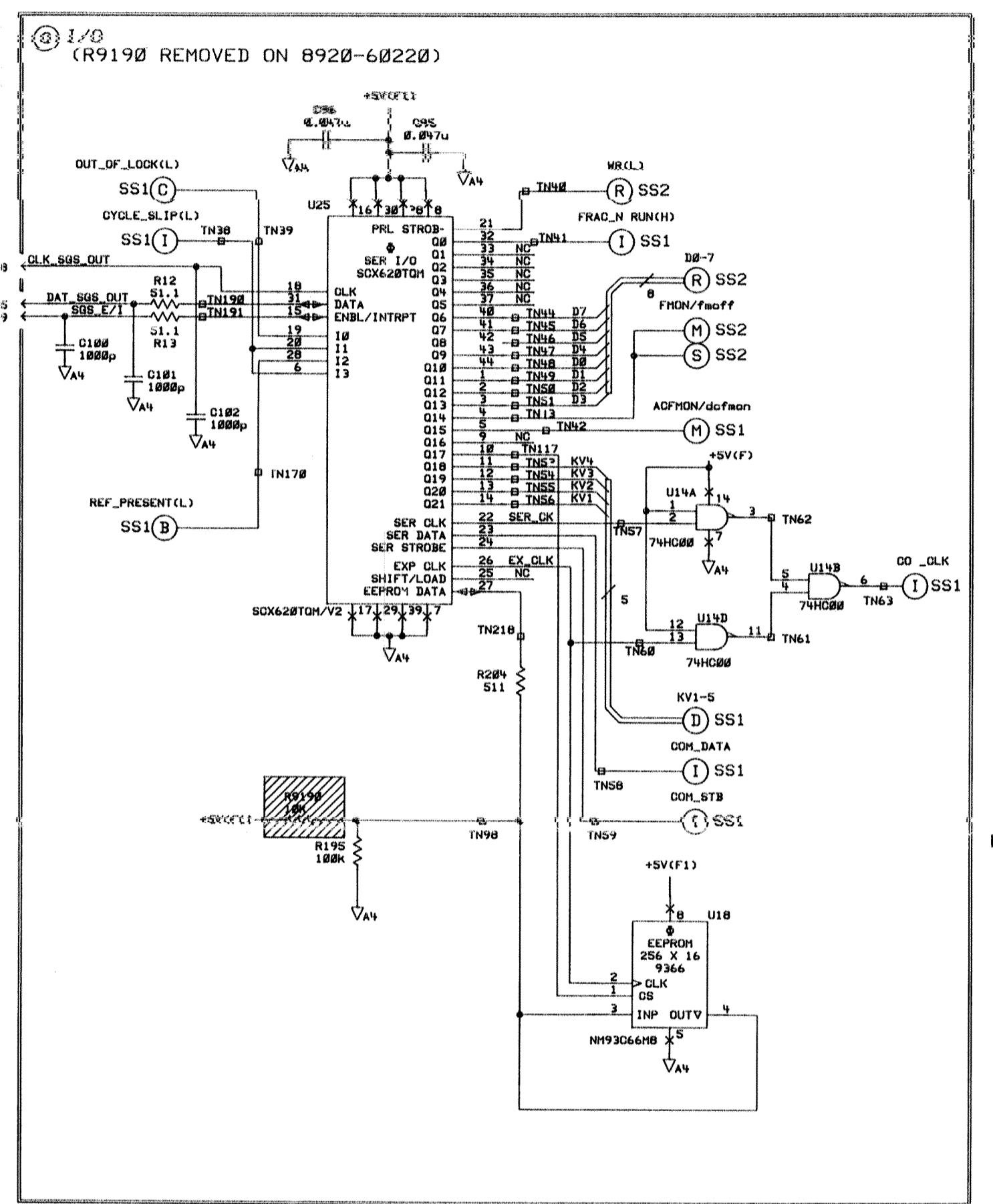
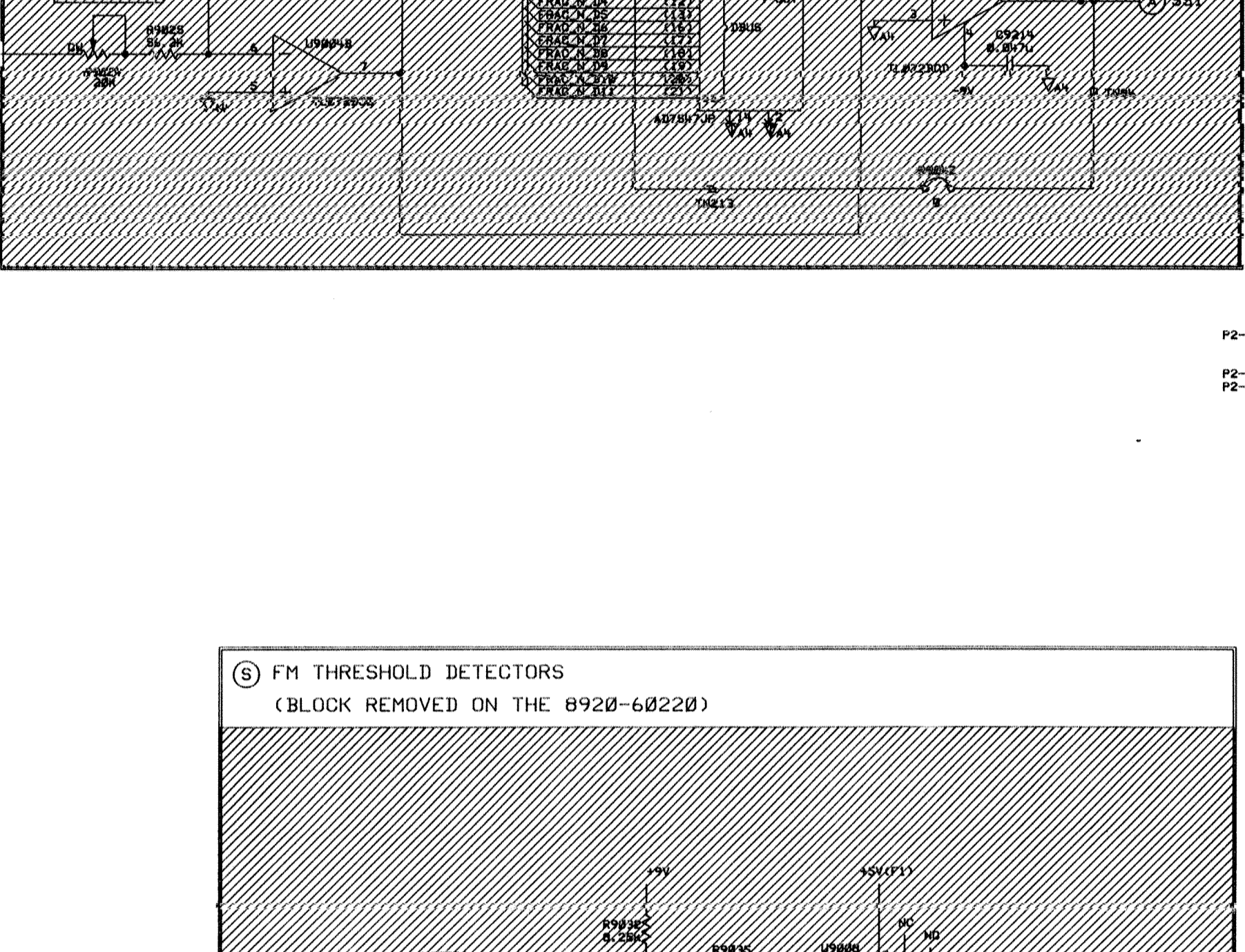
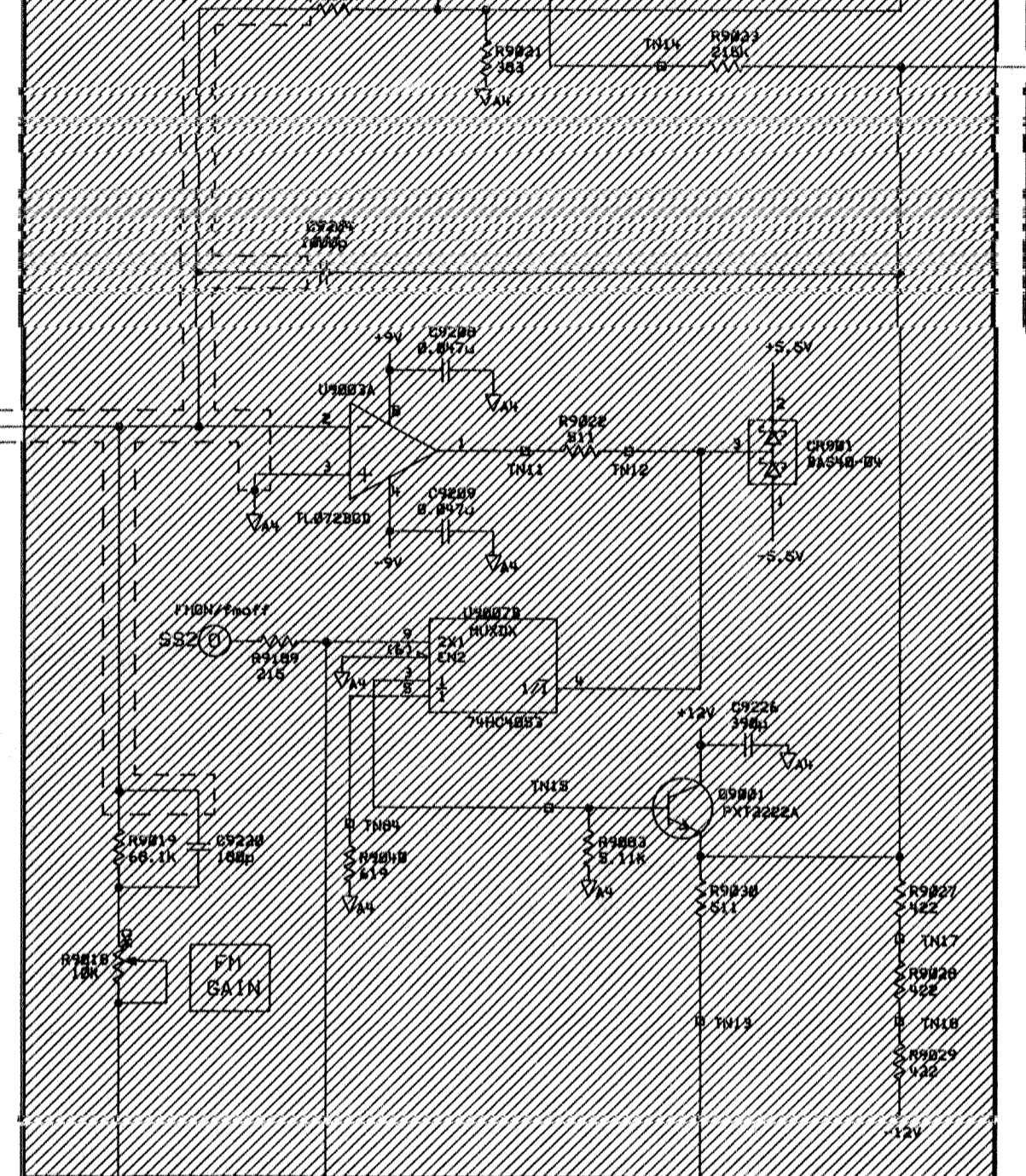
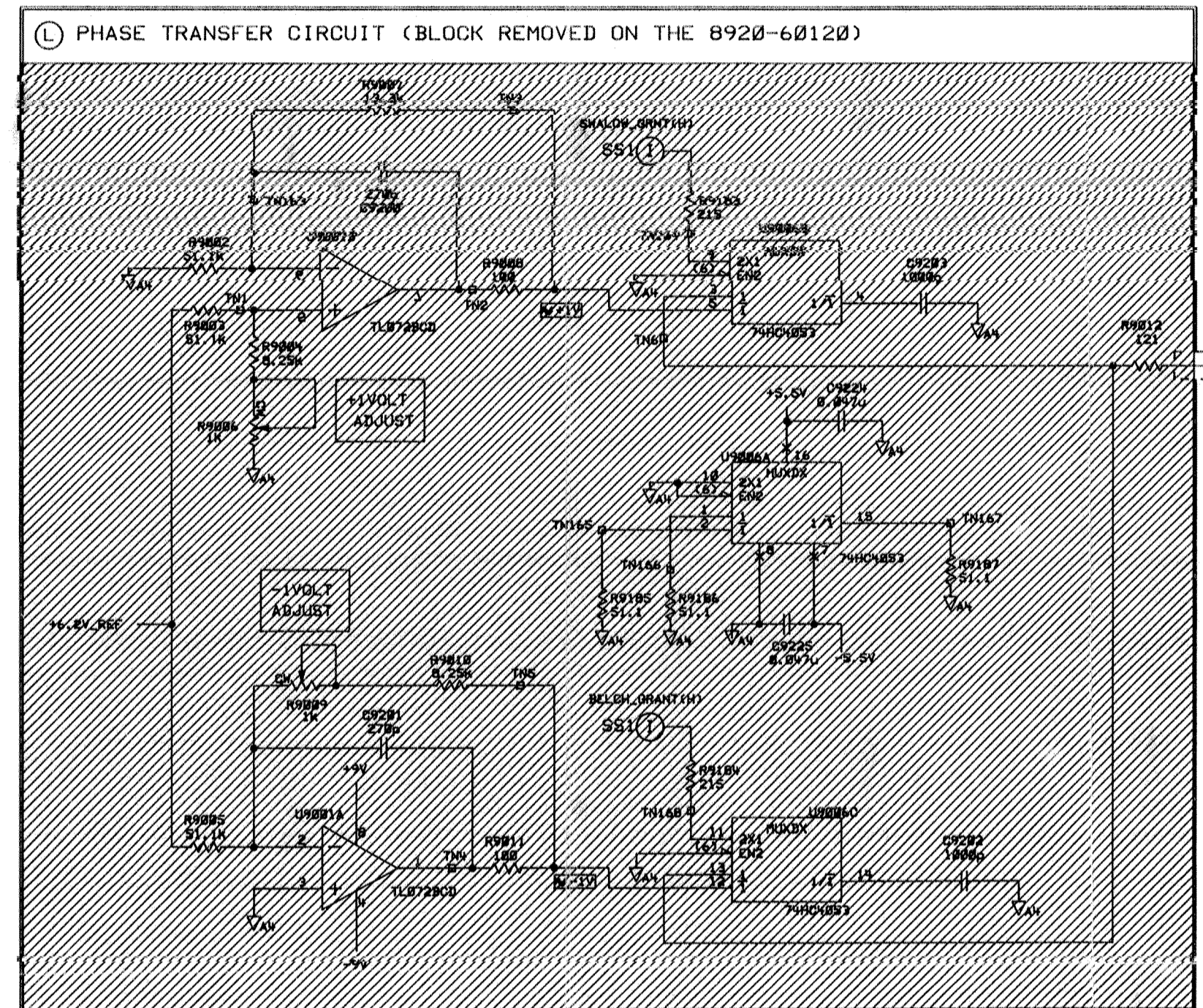
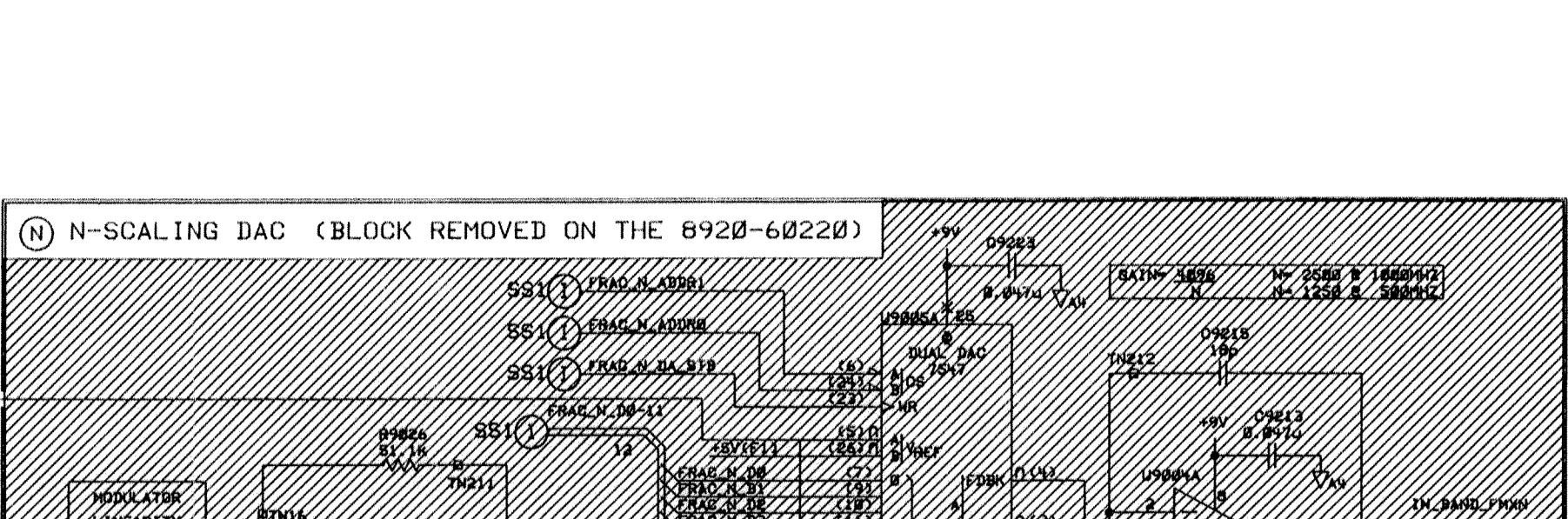
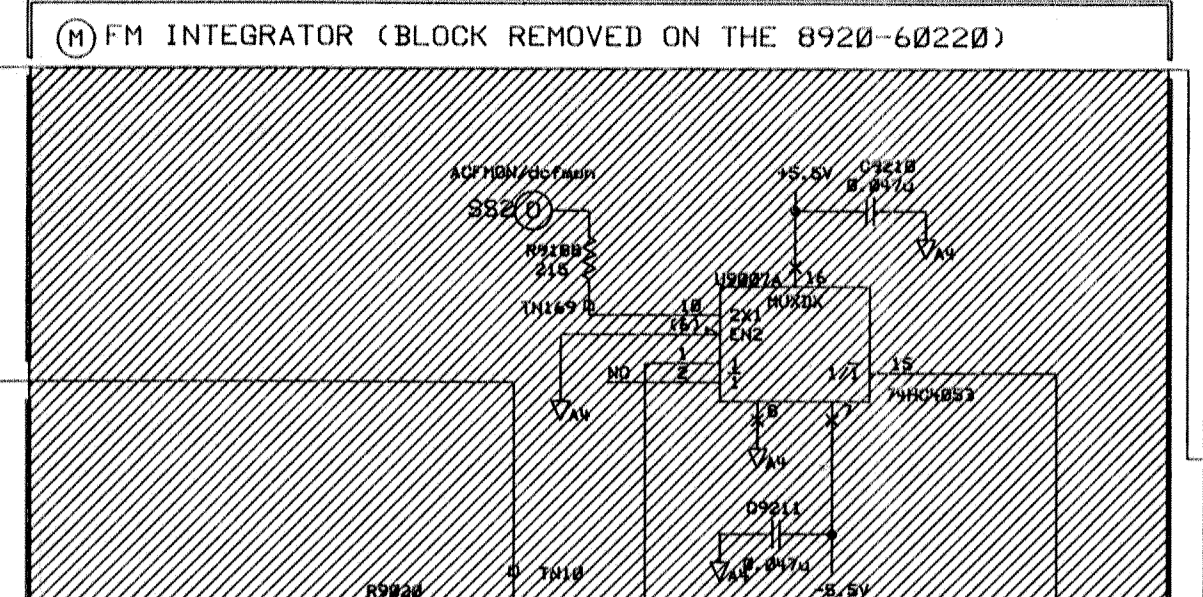
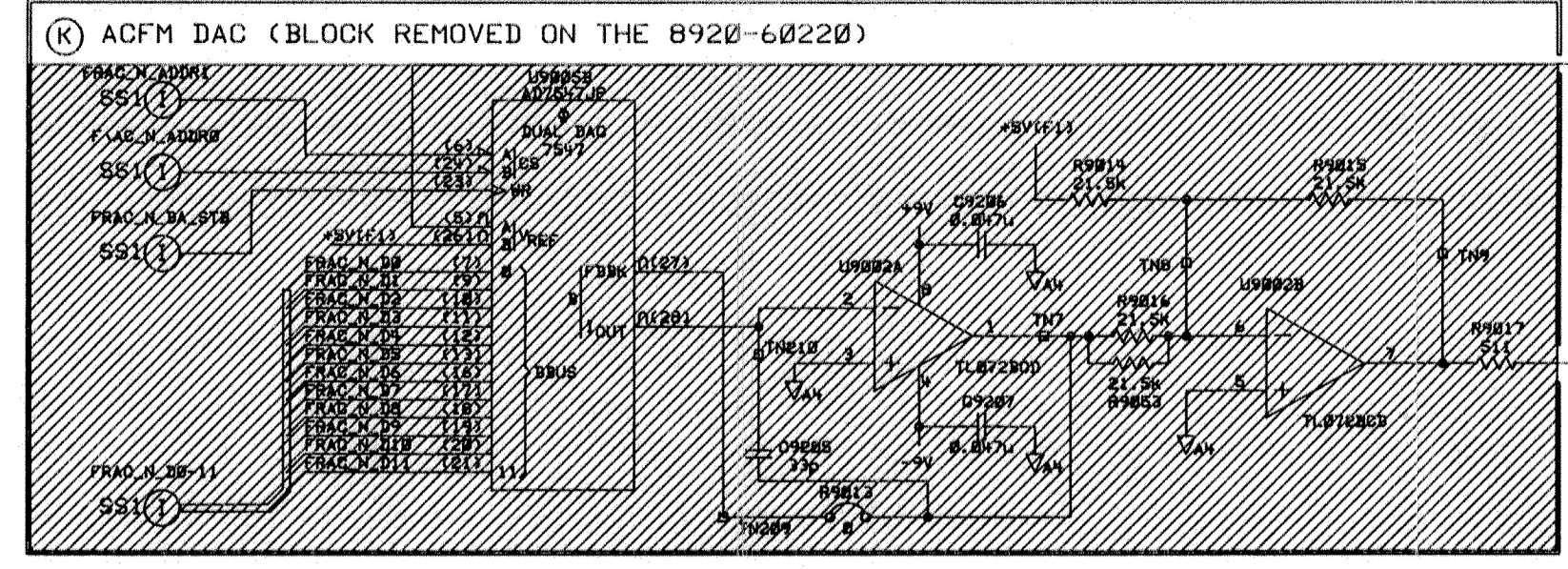
PROPRIETARY
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DRAWN BY	12/11/91
DATE	
ENGINEER/CHECKER	12/11/91
DATE	
RELEASE TO PROD.	07/28/92
DATE	
SUPERSEDES DMG.	

SCHEMATIC, PWA SIGNAL GENERATOR SYNTHESIZER

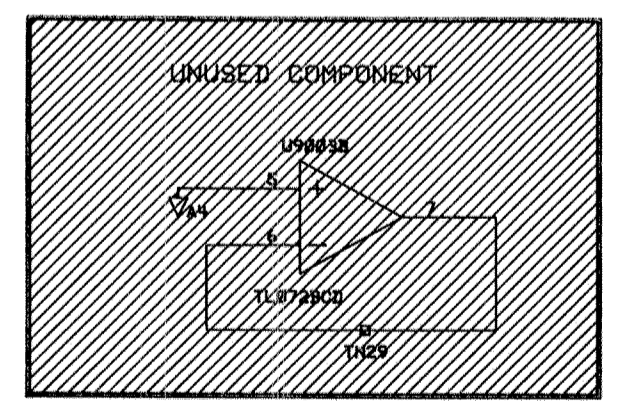
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SCALE	NONE
SHEET 1 OF 2	08920-60220 PART NUMBER
D-08920-60220-1	

SYN	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS PER 10-7253	[REDACTED]	07/28/92
B	REVISED PER PCO 10-7611.	[REDACTED]	03/15/93



- PC DESIGN
- √A1 = A1 GND
 - √A2 = A2 GND
 - √A3 = A3 GND
 - √A4 = A4 GND
 - √A5 = A5 GND

PC NOTES:
 THE 08920-60221 AND THE 08920-60220 ASSEMBLIES USE THE SAME BOARD BLANK.
 REFERENCE DESIGNATORS STARTING WITH 9XXX AND CR901 ARE NOT LOADED ON THE 08920-60220 ASSEMBLY.
 REFERENCE DESIGNATORS STARTING WITH 8XXX ARE NOT LOADED ON THE 08920-60221 ASSEMBLY.



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DRAWN BY	[REDACTED]	DATE	12/11/91
ENGINEER/CHECKER	[REDACTED]	DATE	12/11/91
RELEASE TO PROD.	[REDACTED]	DATE	07/28/92
SUPERSEDES DWG.	[REDACTED]		

SCHEMATIC, PWA
 SIGNAL GENERATOR SYNTHESIZER

s2ba1220	FILENAME	[REDACTED]
SCALE	NONE	[REDACTED]
SHEET 2 OF 2	08920-60220	PART NUMBER
D-08920-60220-1		

Component-Level Information Packet

A18

**SPECTRUM ANALYZER
(OPTION 002)**

08920-61826

8920A COMPONENT LEVEL INFORMATION ERRATA

A18 Spectrum Analyzer

Change A18 to:

A18, 08920-61826, 1, SPECTRUM ANALYZER (New), 28480, 08920-61826

A18, 08920-69026, 1, SPECTRUM ANALYZER (Exchange), 28480, 08920-69026

A18, 08920-60214-1, REF, SPECTRUM ANALYZER SCHEMATIC DIAGRAM

A18, 08920-60214-2, REF, SPECTRUM ANALYZER COMPONENT LOCATOR

Delete A18C265.

Delete A18MP8.

Delete A18MP9.

Delete A18MP10.

Delete A18MP11.

Delete A18MP12.

Delete A18MP13.

Delete A18MP14.

Delete A18MP15.

Delete A18MP16.

Delete A18MP17.

Delete A18MP18.

Delete A18MP19.

Delete A18MP20.

Delete A18MP21.

Delete A18MP22.

Delete A18MP23.

Delete A18MP24.

Delete A18MP25.

Delete 0515-1753 from A18.

Add 0515-0655 to A18:

A18, 0515-0655, 10, SCR-MACH PH M3X.5 8MM-LG T10 SST, 28480, 0515-0655

Add 08920-00030 to A18:

A18, 08920-00030, 12, SHIELD-ELECTRICAL, 28480, 08920-00030

Add 08920-00033 to A18:

A18, 08920-00033, 5, COVER-EMI SHIELDING, 28480, 08920-00033

8920A COMPONENT LEVEL INFORMATION ERRATA

A18 Spectrum Analyzer

Add 08920-00055 to A18:

A18, 08920-00055, 1, COVER-EMI SHIELDING, 28480, 08920-00055

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18	08920-61826	1	SPECTRUM ANALYZER (New)	28480	08920-61826
A18	08920-69026	1	SPECTRUM ANALYZER (Exchange)	28480	08920-69026
A18	08920-61026-1	REF	SPECTRUM ANALYZER		
A18	08920-61026-2	REF	SPECTRUM ANALYZER		
A18C101	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C102	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C103	0121-0448	1	CAP-VAR 5PF 2.5PF 63V CER	28480	0121-0448
A18C104	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C105	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C106	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C107	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C108	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C109	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C110	0160-5954	1	CAP-FXD 220PF +5% 50V CER COG	81349	CDR01BX221BJWM
A18C111	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A18C112	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A18C113	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A18C114	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C115	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C116	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C117	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C118	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C119	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C120	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C121	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C122	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C123	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C124	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A18C125	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C126	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A18C127	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C128	0121-0448	1	CAP-VAR 5PF 2.5PF 63V CER	28480	0121-0448
A18C129	0121-0448	1	CAP-VAR 5PF 2.5PF 63V CER	28480	0121-0448
A18C130	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C131	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C132	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C133	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C134	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C135	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C136	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C137	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C138	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C139	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C140	0160-5954	1	CAP-FXD 220PF +5% 50V CER COG	81349	CDR01BX221BJWM
A18C141	0160-5954	1	CAP-FXD 220PF +5% 50V CER COG	81349	CDR01BX221BJWM
A18C142	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A18C143	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A18C144	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A18C145	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18C146	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A18C147	0160-5964	1	CAP-FXD 180PF +5% 50V CER COG	81349	CDR01BP181BJWM
A18C148	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C149	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C150	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C151	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C153	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C154	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C155	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C156	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C157	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C158	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C160	0160-5960	1	CAP-FXD 27PF +5% 50V CER COG	81349	CDR01BP270AJWM
A18C161	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C162	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C163	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C164	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C165	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C166	0160-5978	1	CAP-FXD 2.2PF +22.73% 50V CER COG	51406	GRM40-001C0G2R2C050C
A18C167	0160-5960	1	CAP-FXD 27PF +5% 50V CER COG	81349	CDR01BP270AJWM
A18C168	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C169	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A18C170	0160-5943	1	CAP-FXD 2.7PF +18.52% 50V CER COG	51406	GRM40-001C0G2R7D050C
A18C171	0160-5978	1	CAP-FXD 2.2PF +22.73% 50V CER COG	51406	GRM40-001C0G2R2C050C
A18C172	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A18C173	0160-5959	1	CAP-FXD 33PF +5% 50V CER COG	81349	CDR01BP330BJWM
A18C174	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C176	0160-5963	1	CAP-FXD 18PF +5% 50V CER COG	81349	CDR01BP180BJWM
A18C181	0160-5963	1	CAP-FXD 18PF +5% 50V CER COG	81349	CDR01BP180BJWM
A18C182	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A18C183	0160-6099	1	CAP-FXD 820PF +5% 50V CER COG	81349	CDR32BP821BJWM
A18C184	0160-5952	1	CAP-FXD 330PF +5% 50V CER COG	81349	CDR01BX331BJWM
A18C185	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A18C186	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C187	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C188	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A18C189	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C190	0160-5952	1	CAP-FXD 330PF +5% 50V CER COG	81349	CDR01BX331BJWM
A18C191	0160-5957	1	CAP-FXD 47PF +5% 50V CER COG	81349	CDR01BP470BJWM
A18C192	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C194	0160-5967	1	CAP-FXD 100PF +5% 50V CER COG	81349	CDR01BP101BJWM
A18C195	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C196	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A18C197	0160-6735	1	CAP-FXD 4700PF +10% 50V CER X7R	81349	CDR32BX472BKWM
A18C201	0160-5973	1	CAP-FXD 6.8PF +7.35% 50V CER COG	51406	GRM40-001C0G6R8D050C
A18C202	0121-0443	1	CAP-VAR 3PF 9PF 160V CER	52763	300-427-204
A18C204	0160-5963	1	CAP-FXD 18PF +5% 50V CER COG	81349	CDR01BP180BJWM
A18C205	0160-5962	1	CAP-FXD 15PF +5% 50V CER COG	81349	CDR01BP150BJWM
A18C206	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C208	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18C213	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C214	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C215	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C216	0160-5954	1	CAP-FXD 220PF +5% 50V CER COG	81349	CDR01BX221BJWM
A18C217	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C218	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C219	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C220	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C221	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C222	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C223	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C224	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A18C225	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A18C226	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A18C227	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM
A18C229	0180-3753	1	CAP-FXD 6.8UF +20% 35V TA	33297	NRD685M35R12
A18C230	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A18C231	0180-3751	1	CAP-FXD 1UF +20% 35V TA	33297	NRS105M35R8
A18C232	0180-3752	1	CAP-FXD 3.3UF +20% 35V TA	33297	NRD335M35R12
A18C233	0160-5976	1	CAP-FXD 12PF +5% 50V CER COG	81349	CDR01BP120BJWM
A18C234	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C235	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C236	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C237	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C240	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C241	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C242	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C243	0160-5956	1	CAP-FXD 56PF +5% 50V CER COG	81349	CDR01BP560BJWM
A18C244	0160-5966	1	CAP-FXD 120PF +5% 50V CER COG	81349	CDR01BP121BJWM
A18C245	0160-5958	1	CAP-FXD 39PF +5% 50V CER COG	81349	CDR01BP390BJWM
A18C246	0160-6099	1	CAP-FXD 820PF +5% 50V CER COG	81349	CDR32BP821BJWM
A18C247	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C248	0160-6099	1	CAP-FXD 820PF +5% 50V CER COG	81349	CDR32BP821BJWM
A18C249	0160-6104	1	CAP-FXD 2200PF +5% 50V CER COG	81349	CDR32BP222AJWM
A18C250	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C251	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C252	0160-6104	1	CAP-FXD 2200PF +5% 50V CER COG	81349	CDR32BP222AJWM
A18C253	0160-6104	1	CAP-FXD 2200PF +5% 50V CER COG	81349	CDR32BP222AJWM
A18C254	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C255	0160-6096	1	CAP-FXD 470PF +5% 50V CER COG	81349	CDR32BP471BJWM
A18C256	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C257	0160-6670	1	CAP-FXD 3300PF +5% 50V CER COG	81349	CDR33BX332AJWM
A18C258	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C259	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C260	0160-5468	1	CAP-FXD 0.47UF +10% 50V POLYE-MET	28480	0160-5468
A18C261	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C262	0160-6736	1	CAP-FXD 0.01UF +10% 50V CER X7R	81349	CDR32BX103BKWM
A18C263	0160-6098	1	CAP-FXD 680PF +5% 50V CER COG	81349	CDR32BP681BJWM
A18C264	0121-0443	1	CAP-VAR 3PF 9PF 160V CER	52763	300-427-204
A18C265	0160-6222	1	CAP-FXD 0.1UF +10% 50V CER X7R	81349	CDR33BX104AKWM

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18C266	0180-3752	1	CAP-FXD 3.3UF +-20% 35V TA	33297	NRD335M35R12
A18C267	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C268	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C269	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C270	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A18C272	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C273	0160-5974	1	CAP-FXD 8.2PF +-6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A18C274	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C275	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C276	0160-5974	1	CAP-FXD 8.2PF +-6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A18C277	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C278	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C279	0160-5974	1	CAP-FXD 8.2PF +-6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A18C280	0160-6670	1	CAP-FXD 3300PF +-5% 50V CER COG	81349	CDR33BX332AJWM
A18C281	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C282	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C283	0160-6099	1	CAP-FXD 820PF +-5% 50V CER COG	81349	CDR32BP821BJWM
A18C284	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C285	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C287	0160-5974	1	CAP-FXD 8.2PF +-6.1% 50V CER COG	51406	GRM40-001C0G8R2D050C
A18C288	0180-4287	1	CAP-FXD 10UF +-20% 35V TA	31433	T491D106M050AS
A18C289	0160-5962	1	CAP-FXD 15PF +-5% 50V CER COG	81349	CDR01BP150BJWM
A18C290	0160-5976	1	CAP-FXD 12PF +-5% 50V CER COG	81349	CDR01BP120BJWM
A18C291	0121-0443	1	CAP-VAR 3PF 9PF 160V CER	52763	300-427-204
A18C292	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C293	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C294	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A18C295	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C296	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A18C297	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A18C298	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C299	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18C300	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A18CR31	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A18CR32	1900-0074	1	DIODE-SCHOTTKY SM SIG	28480	1900-0074
A18CR101	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR102	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR103	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR104	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR105	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A18CR106	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A18CR107	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR108	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR109	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR110	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR111	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR112	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR113	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR114	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR115	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18CR116	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A18CR117	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A18CR118	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A18CR123	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A18CR124	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A18CR127	1900-0096	1	DIODE-PIN 200V-BKDN-V 250MW-OUTPUT-PWR	28480	1900-0096
A18CR128	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR129	1900-0100	1	DIODE-PIN	28480	1900-0100
A18CR144	0122-0172	1	DIODE-VVC 29PF +-10% PD=350MW TA=25C	04713	MMBV109
A18L101	9140-1103	1	INDUCTOR 680NH +5% 2.8W-MMX3.4LG-MM	7J069	NL322522-R68J-3
A18L102	9100-2250	1	INDUCTOR RF-CH-MLD 180NH +10%	96906	MS75083-4
A18L103	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L104	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L105	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A18L106	9100-2249	1	INDUCTOR RF-CH-MLD 150NH +10%	28480	9100-2249
A18L107	08562-80072	1	REACTOR .924-MH	28480	08562-80072
A18L108	9140-1103	1	INDUCTOR 680NH +5% 2.8W-MMX3.4LG-MM	7J069	NL322522-R68J-3
A18L109	9140-1103	1	INDUCTOR 680NH +5% 2.8W-MMX3.4LG-MM	7J069	NL322522-R68J-3
A18L110	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A18L111	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A18L112	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L113	08562-80072	1	REACTOR .924-MH	28480	08562-80072
A18L114	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L115	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L116	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L117	9100-2249	1	INDUCTOR RF-CH-MLD 150NH +10%	28480	9100-2249
A18L118	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L119	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L120	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L121	08562-80072	1	REACTOR .924-MH	28480	08562-80072
A18L124	9140-1115	1	INDUCTOR 22UH +5% Q=50 SRF=13MHZ	7J069	NL453232-220J-3
A18L133	9140-1100	1	INDUCTOR 330NH +5% Q=30 SRF=300MHZ	7J069	NL322522-R33J-3
A18L134	9140-1104	1	INDUCTOR 820NH +5% Q=30 SRF=140MHZ	7J069	NL322522-R82J-3
A18L135	9140-1104	1	INDUCTOR 820NH +5% Q=30 SRF=140MHZ	7J069	NL322522-R82J-3
A18L136	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L137	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A18L138	9140-1104	1	INDUCTOR 820NH +5% Q=30 SRF=140MHZ	7J069	NL322522-R82J-3
A18L139	9140-1104	1	INDUCTOR 820NH +5% Q=30 SRF=140MHZ	7J069	NL322522-R82J-3
A18L140	9140-1100	1	INDUCTOR 330NH +5% Q=30 SRF=300MHZ	7J069	NL322522-R33J-3
A18L141	9140-1202	1	INDUCTOR 47NH +5% Q=26 SRF=1.2GHZ	7J069	NL322522-047J
A18L142	9140-1202	1	INDUCTOR 47NH +5% Q=26 SRF=1.2GHZ	7J069	NL322522-047J
A18L143	9140-1115	1	INDUCTOR 22UH +5% Q=50 SRF=13MHZ	7J069	NL453232-220J-3
A18L144	9140-1098	1	INDUCTOR 150NH +5% Q=30 SRF=450MHZ	7J069	NL322522-R15J-3
A18L147	9140-1429	1	INDUCTOR 3.9UH +5% Q=50 SRF=40MHZ	7J069	NL453232-3R9J-3
A18L148	9140-1104	1	INDUCTOR 820NH +5% Q=30 SRF=140MHZ	7J069	NL322522-R82J-3
A18L150	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A18L151	9140-1201	1	INDUCTOR 39NH +5% Q=25 SRF=1.3GHZ	7J069	NL322522-039J
A18L152	9140-1114	1	INDUCTOR 15UH +5% Q=50 SRF=17MHZ	7J069	NL453232-150J-3
A18L157	9140-1107	1	INDUCTOR 2.2UH +5% Q=50 SRF=55MHZ	7J069	NL453232-2R2J-3
A18L159	9140-1105	1	INDUCTOR 1UH +5% Q=50 SRF=100MHZ	7J069	NL453232-1R0J-3

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18L161	9140-1114	1	INDUCTOR 15UH +-5% Q=50 SRF=17MHZ	7J069	NL453232-150J-3
A18L162	9140-1114	1	INDUCTOR 15UH +-5% Q=50 SRF=17MHZ	7J069	NL453232-150J-3
A18L165	9140-1105	1	INDUCTOR 1UH +-5% Q=50 SRF=100MHZ	7J069	NL453232-1R0J-3
A18L166	9140-1202	1	INDUCTOR 47NH +-5% Q=26 SRF=1.2GHZ	7J069	NL322522-047J
A18MP8	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP9	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP10	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP11	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP12	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP13	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP14	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP15	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP16	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP17	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP18	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP19	08920-00030	1	SHIELD, ELECTRICAL	28480	08920-00030
A18MP20	08920-00033	1	COVER, EMI SHIELDING	28480	08920-00033
A18MP21	08920-00033	1	COVER, EMI SHIELDING	28480	08920-00033
A18MP22	08920-00033	1	COVER, EMI SHIELDING	28480	08920-00033
A18MP23	08920-00033	1	COVER, EMI SHIELDING	28480	08920-00033
A18MP24	08920-00033	1	COVER, EMI SHIELDING	28480	08920-00033
A18MP25	08920-00055	1	COVER, EMI SHIELDING	28480	08920-00055
A18P1	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A18P2	1252-3780	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	747844-2
A18P3	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A18Q101	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q102	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q103	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q104	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q105	1854-1083	1	TRANSISTOR NPN SI PD=225MW FT=900MHZ	04713	MMBR5179
A18Q106	1854-1083	1	TRANSISTOR NPN SI PD=225MW FT=900MHZ	04713	MMBR5179
A18Q107	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q108	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q109	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q110	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q111	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q112	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q113	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q115	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q116	1854-1083	1	TRANSISTOR NPN SI PD=225MW FT=900MHZ	04713	MMBR5179
A18Q117	1854-1083	1	TRANSISTOR NPN SI PD=225MW FT=900MHZ	04713	MMBR5179
A18Q119	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q120	1853-0637	1	TRANSISTOR PNP SI PD=225MW TO-236AA-PKG	04713	MMBT4260
A18Q121	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q122	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q123	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A18Q127	1853-0568	1	TRANSISTOR PNP SI PD=350MW TO-236AA-PKG	04713	MMBT5087
A18Q128	1853-0568	1	TRANSISTOR PNP SI PD=350MW TO-236AA-PKG	04713	MMBT5087
A18Q129	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A18Q130	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18Q131	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A18Q132	1853-0568	1	TRANSISTOR PNP SI PD=350MW TO-236AA-PKG	04713	MMBT5087
A18Q138	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93
A18Q139	1854-1055	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	H0002	BFR93
A18Q140	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A18R101	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R102	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R103	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R104	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A18R105	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R107	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A18R108	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A18R109	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A18R110	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A18R111	0699-1352	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	81349	M55342K07R21D5R
A18R112	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R113	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R114	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A18R115	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R116	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R117	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R118	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R119	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R120	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R121	2100-3091	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 17-TRN	73138	67WR2K
A18R122	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A18R123	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R124	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R125	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R126	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R127	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A18R128	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A18R129	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R130	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R131	2100-3091	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 17-TRN	73138	67WR2K
A18R132	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R133	0699-1355	1	RESISTOR 28.7 +-1% .125W TF TC=0+-100	81349	M55342K07R28D7R
A18R134	0699-1349	1	RESISTOR 16.2 +-1% .125W TF TC=0+-100	81349	M55342K07R16D2R
A18R135	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A18R136	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A18R137	0699-1345	1	RESISTOR 11 +-1% .125W TF TC=0+-100	81349	M55342K07R11D0R
A18R138	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R139	0699-1345	1	RESISTOR 11 +-1% .125W TF TC=0+-100	81349	M55342K07R11D0R
A18R140	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R141	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A18R142	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R143	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R144	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A18R145	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R146	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18R147	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R148	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R149	0699-1345	1	RESISTOR 11 +-1% .125W TF TC=0+-100	81349	M55342K07R11D0R
A18R150	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R151	0699-1345	1	RESISTOR 11 +-1% .125W TF TC=0+-100	81349	M55342K07R11D0R
A18R152	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R153	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A18R154	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R155	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R156	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A18R157	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A18R158	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R159	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R160	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A18R161	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A18R162	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R163	0699-1358	1	RESISTOR 38.3 +-1% .125W TF TC=0+-100	81349	M55342K07R38D3R
A18R164	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A18R165	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A18R166	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R167	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A18R168	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A18R169	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A18R170	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A18R171	0699-1352	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	81349	M55342K07R21D5R
A18R172	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R173	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R174	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R175	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R176	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A18R177	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R178	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R179	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R180	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R181	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A18R182	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R183	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A18R184	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R185	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A18R186	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R187	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R188	2100-3091	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 17-TRN	73138	67WR2K
A18R189	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A18R190	0699-1418	1	RESISTOR 133 +-1% .125W TF TC=0+-100	81349	M55342K07R133DR
A18R191	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R192	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R193	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R194	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R195	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A18R196	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18R197	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R198	0699-1352	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	81349	M55342K07R21D5R
A18R199	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A18R200	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R201	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R202	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R203	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R204	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R205	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R206	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A18R207	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R208	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R209	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A18R210	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A18R211	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R212	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A18R213	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R214	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R215	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A18R216	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R217	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A18R218	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A18R219	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R220	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R224	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R228	0699-1359	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	81349	M55342K07R42D2R
A18R229	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A18R230	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R231	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R232	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R233	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R234	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A18R235	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A18R236	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A18R237	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R238	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A18R239	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R240	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R243	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A18R244	0699-1350	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	81349	M55342K07R17D8R
A18R245	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R246	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R247	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R250	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A18R251	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R253	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R254	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A18R255	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A18R256	0699-1319	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	81349	M55342K07R12E1R
A18R257	2100-4271	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 14-TRN	S3271	ST-5TW-103

A18 Replaceable Parts

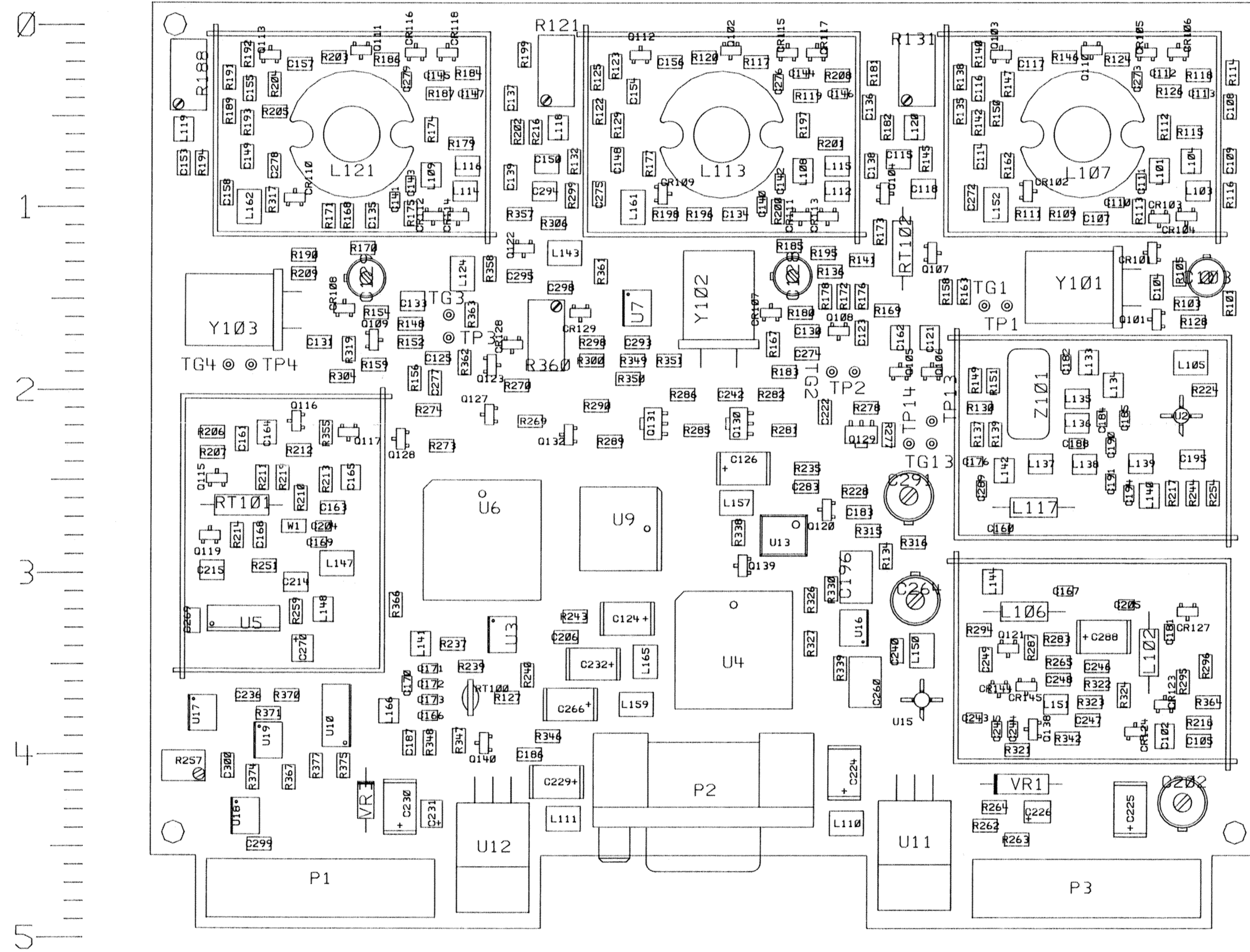
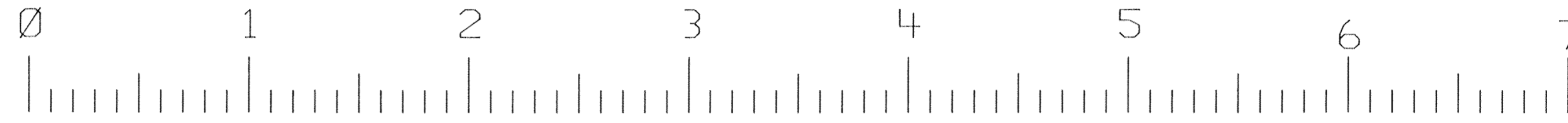
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18R258	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A18R259	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A18R260	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R261	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R262	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A18R263	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A18R264	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A18R265	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R266	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R267	0699-1375	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	81349	M55342K07R1E96R
A18R268	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A18R269	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R270	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R271	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R273	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R274	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R275	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R277	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R278	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R279	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R281	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R282	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R283	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R285	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R286	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R287	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A18R289	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R290	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A18R293	0699-1445	1	RESISTOR 215K +-1% .125W TF TC=0+-100	81349	M55342K07R215ER
A18R294	0699-1396	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	81349	M55342K07R17E8R
A18R295	0699-1348	1	RESISTOR 14.7 +-1% .125W TF TC=0+-100	81349	M55342K07R14D7R
A18R296	0699-1426	1	RESISTOR 287 +-1% .125W TF TC=0+-100	81349	M55342K07R287DR
A18R297	0699-1421	1	RESISTOR 178 +-1% .125W TF TC=0+-100	81349	M55342K07R178DR
A18R298	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R299	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A18R300	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R301	0699-1320	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	81349	M55342K07R19E6R
A18R302	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A18R303	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R304	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A18R305	0699-1438	1	RESISTOR 909 +-1% .125W TF TC=0+-100	81349	M55342K07R909DR
A18R306	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A18R315	0699-1349	1	RESISTOR 16.2 +-1% .125W TF TC=0+-100	81349	M55342K07R16D2R
A18R316	0699-1349	1	RESISTOR 16.2 +-1% .125W TF TC=0+-100	81349	M55342K07R16D2R
A18R317	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A18R318	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R319	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR
A18R320	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R321	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A18R322	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R

A18 Replaceable Parts

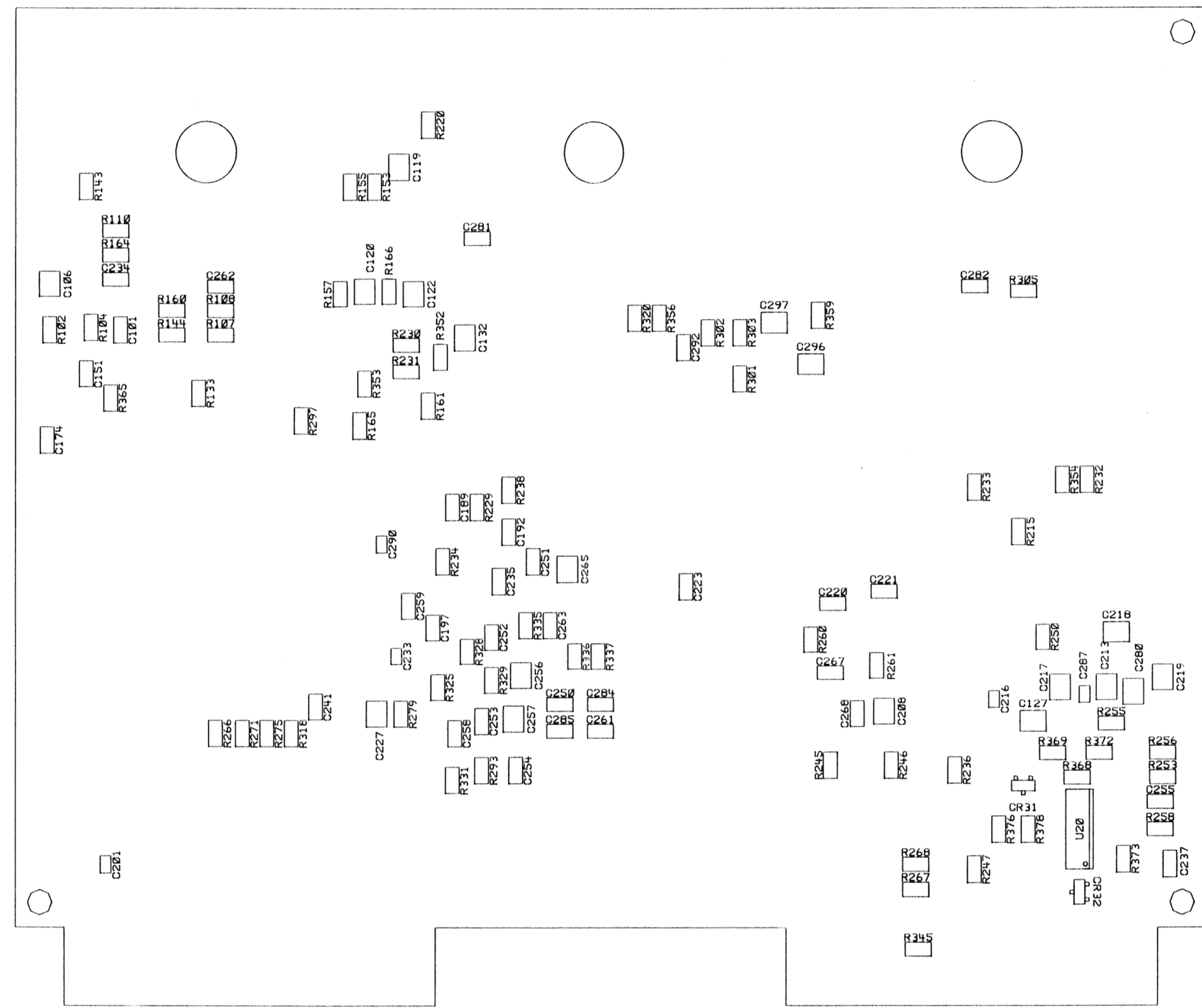
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18R323	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A18R324	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R325	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R326	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A18R327	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A18R328	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A18R329	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A18R330	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R331	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A18R335	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R336	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A18R337	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A18R338	0699-1423	1	RESISTOR 215 +-1% .125W TF TC=0+-100	81349	M55342K07R215DR
A18R339	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A18R342	0699-1344	1	RESISTOR 10 +-1% .125W TF TC=0+-100	81349	M55342K07R10D0R
A18R345	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A18R346	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A18R347	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R348	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A18R349	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R350	0699-1431	1	RESISTOR 464 +-1% .125W TF TC=0+-100	81349	M55342K07R464DR
A18R351	0699-1374	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	81349	M55342K07R1E78R
A18R352	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R353	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R354	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R355	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R356	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A18R357	0699-1427	1	RESISTOR 316 +-1% .125W TF TC=0+-100	81349	M55342K07R316DR
A18R358	0699-1433	1	RESISTOR 562 +-1% .125W TF TC=0+-100	81349	M55342K07R562DR
A18R359	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A18R360	2100-3286	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 17-TRN	73138	67WR10K
A18R361	0699-1376	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	81349	M55342K07R2E15R
A18R362	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A18R363	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A18R364	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A18R365	0699-1434	1	RESISTOR 619 +-1% .125W TF TC=0+-100	81349	M55342K07R619DR
A18R366	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A18R367	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A18R368	0699-1401	1	RESISTOR 28.7K +-1% .125W TF TC=0+-100	28480	0699-1401
A18R369	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A18R370	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A18R371	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A18R372	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18R373	0699-2838	1	RESISTOR 40K +-0.1% .125W TF TC=0+-25	81349	M55342E07R40B0R
A18R374	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A18R375	0699-2483	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	81349	M55342E07R4B00R
A18R376	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	11502	W1206R038001BT
A18R377	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	81349	M55342E07R10B0R
A18R378	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A18RT100	0839-0011	1	THERMISTOR DISC 100-OHM TC=-3.8%/DEG-C	28480	0839-0011

A18 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A18 (Cont'd)	08920-61826	REF	SPECTRUM ANALYZER	28480	08920-61826
A18RT101	0837-0424	1	THERMISTOR 220-OHM TC=+0.7%/DEG C	0H9E1	DG125 221K
A18RT102	0837-0424	1	THERMISTOR 220-OHM TC=+0.7%/DEG C	0H9E1	DG125 221K
A18TG1	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TG2	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TG3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TG4	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TG13	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TP1	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TP2	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TP3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TP4	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TP13	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18TP14	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	28480	1251-1556
A18U2	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0686
A18U3	1826-1862	1	IC OP AMP LOW-BIAS 8-PIN	04713	TL072CD
A18U4	1820-6472	1	IC GATE-ARY CMOS	28480	1820-6472
A18U5	1826-1930	1	IC RF/IF AMPL SINGLE 16-PIN LOW-POWER	28480	1826-1930
A18U6	1820-6752	1	IC GATE-ARY CMOS	27014	SCX6206TQM/V2
A18U7	1826-1862	1	IC OP AMP LOW-BIAS 8-PIN	04713	TL072CD
A18U9	1826-1700	1	D/A 8-BIT 28-PLCC CMOS	24355	AD7225LP
A18U10	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A18U11	1826-0393	1	IC V RGLTR-ADJ-POS 1.2/37V TO-220 PKG	81349	M38510/11704BYC
A18U12	1826-0527	1	IC V RGLTR-ADJ-NEG 1.2/3V 3-TO-220 PKG	27014	LM337-T
A18U13	1820-6954	1	IC PRESCR ECL	61271	MB503PF
A18U15	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN V-WAVE-PILL	24539	MSA-0386
A18U16	1826-1862	1	IC OP AMP LOW-BIAS 8-PIN	04713	TL072CD
A18U17	1826-1862	1	IC OP AMP LOW-BIAS 8-PIN	04713	TL072CD
A18U18	1826-1862	1	IC OP AMP LOW-BIAS 8-PIN	04713	TL072CD
A18U19	1826-1862	1	IC OP AMP LOW-BIAS 8-PIN	04713	TL072CD
A18U20	1826-2149	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG444DY
A18VR1	1902-0692	1	DIODE-ZNR 6.3V 1% PD=.4W TC=+.001%	14552	DT790107A
A18VR3	1902-0958	1	DIODE-ZNR 10V 5% PD=.4W TC=+.075% DO-35	28480	1902-0958
A18W1	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A18Y101	0410-2231	1	CRYSTAL-QUARTZ 11.26-MHZ	00809	A187-165-11.26MHZ
A18Y102	0410-2231	1	CRYSTAL-QUARTZ 11.26-MHZ	00809	A187-165-11.26MHZ
A18Y103	0410-2231	1	CRYSTAL-QUARTZ 11.26-MHZ	00809	A187-165-11.26MHZ
A18Z101	0955-0113	1	MIXER-MICROWAVE 1MHZ TO 1GHZ	15542	TFM-2-38
A18	0515-1753	10	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-1753
A18	08920-40009	2	EXTRACTOR, ELECTRICAL CARD	28480	08920-40009
A18	08920-40016	2	RETAINER, EXTRACTOR	28480	08920-40016
A18	5061-4836	1	HOUSING, CCA	28480	5061-4836



08920-60214 TOP



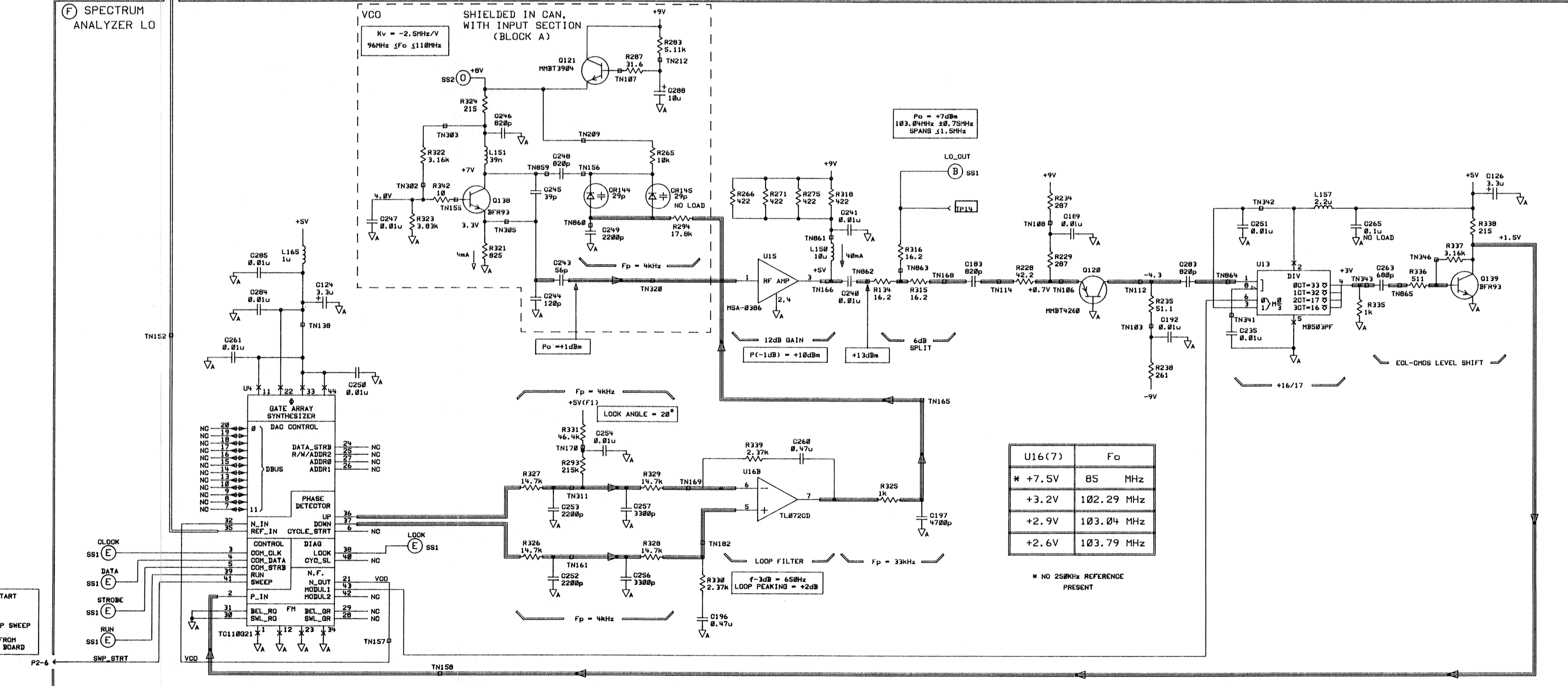
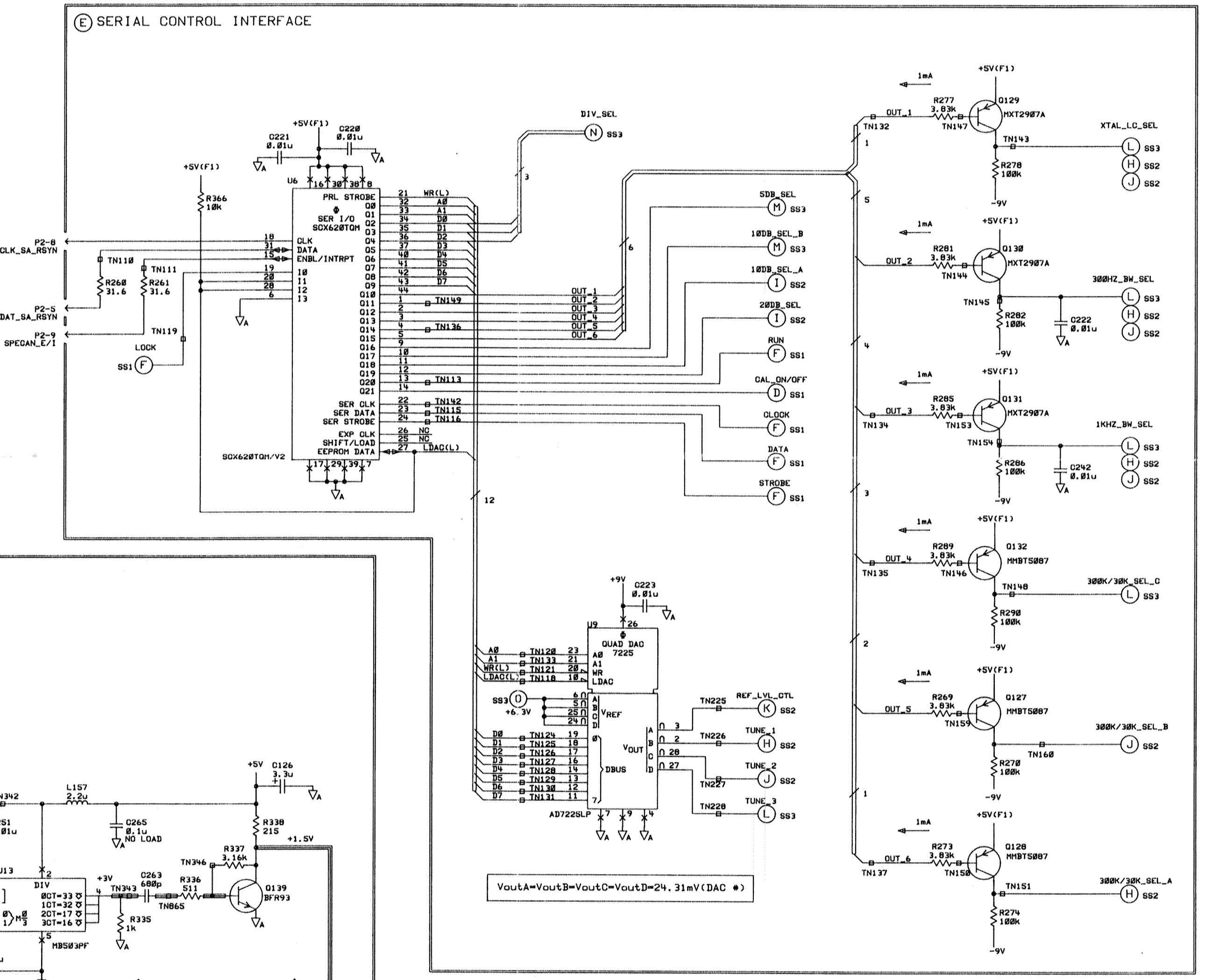
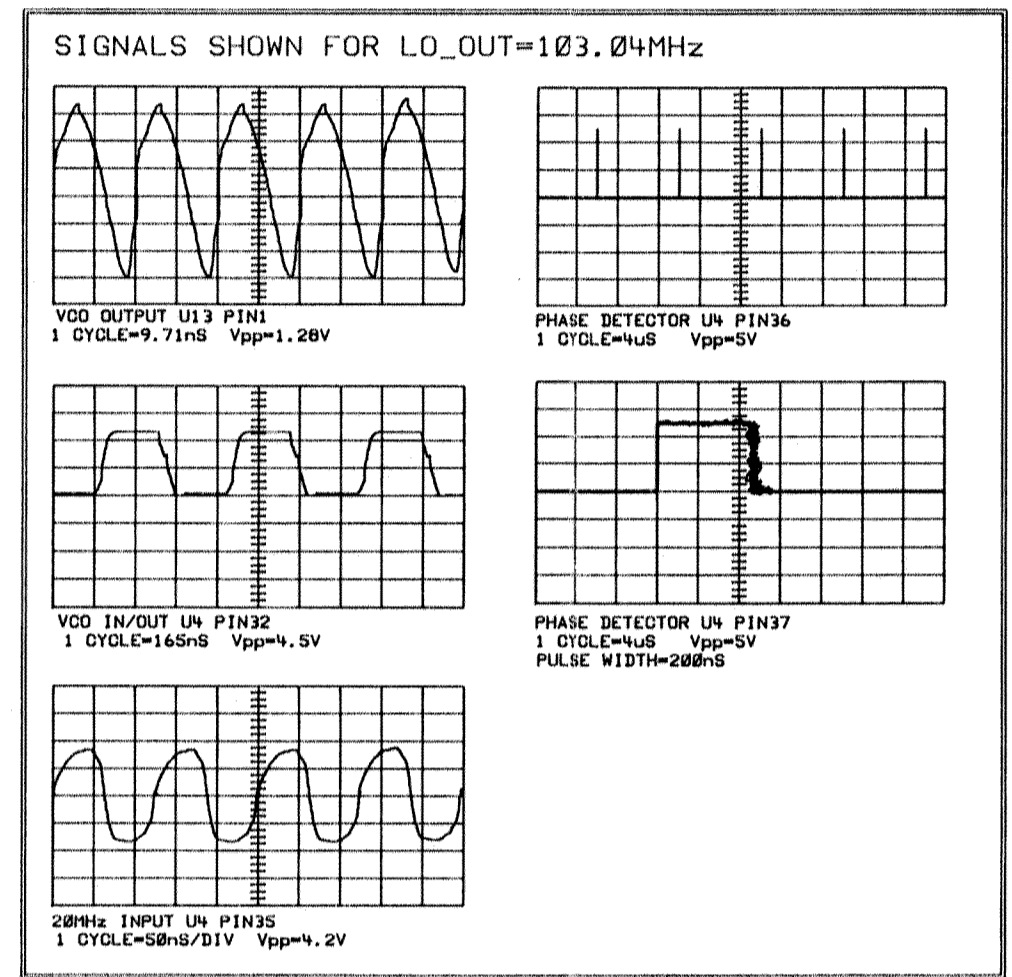
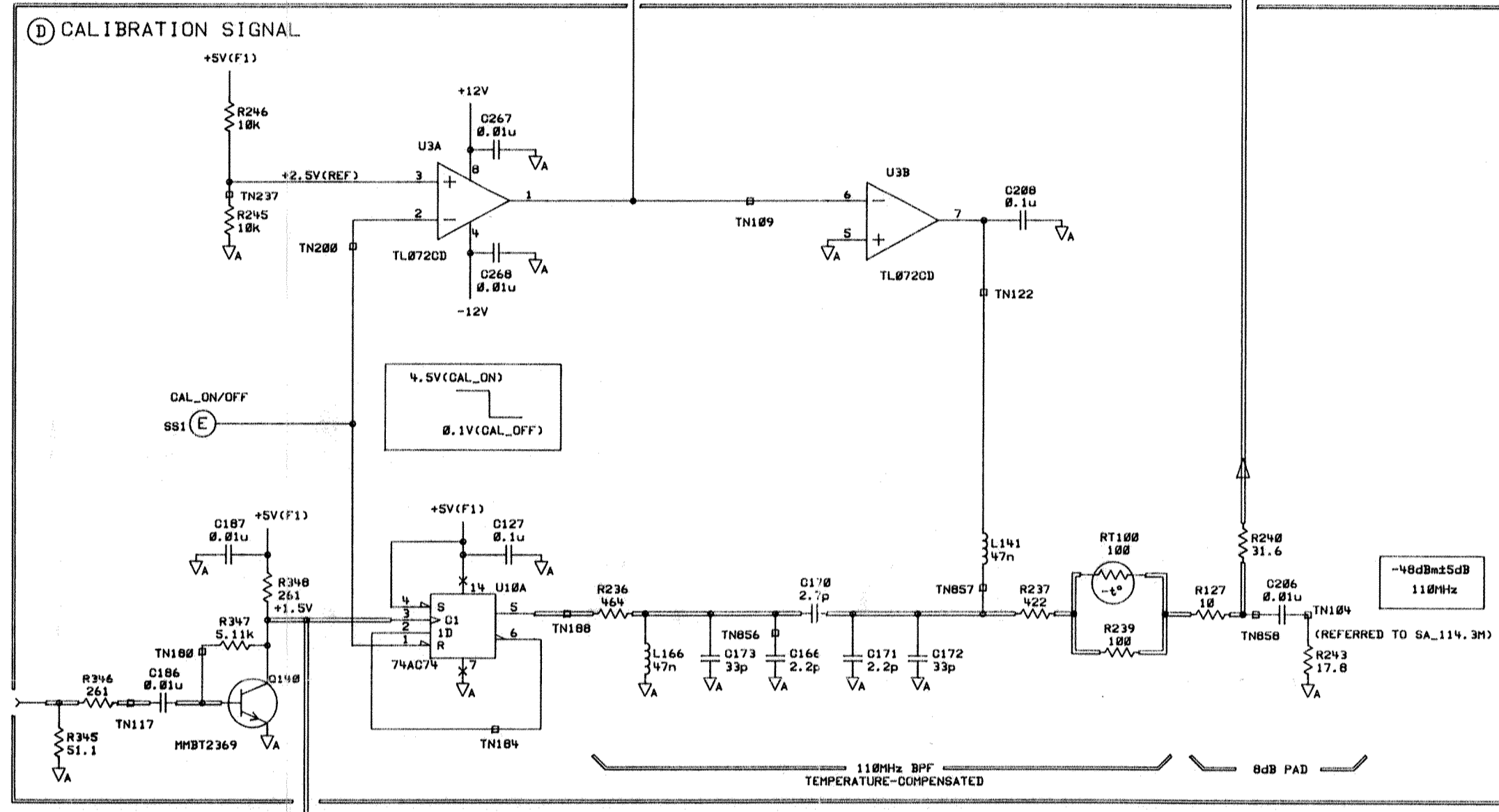
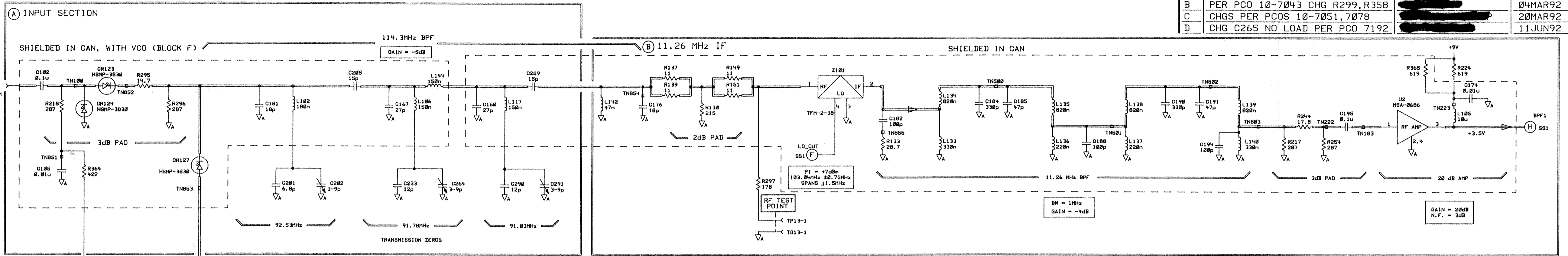
08920-60214 BOT

REFERENCE LEVEL [dBm]	AUTO-RANGE ATTENUATOR [dB]	REFERENCE LEVEL [dBm]	SA_114_3M P1 [dBm]
+50 TO 0.1	40	-20	-11
0 TO -19.9	20	-25	-16
-20 TO -50	0	-30	-21
		-35	-26
		-40	-31
		-45	-36
		-50	-41

NOTE: THESE TABLES APPLY TO THE ANTENNA PORT. THE RF PORT SCALES BY 3dB.

P3(173A, 114, 3M)
 114.3MHz @ 7.5MHz FOR SPANS > 1.5MHz
 P(-1dB) = +20dB @ UZ PIN 1
 P(-1dB) = -20dB @ TP1
 TOP OF DISPLAY IS REFERENCE LEVEL = +20dB ON ANTENNA PORT
 SPAN=1.5 MHz
 I.F. STEPPED GAIN = 0dB
 REF_LVL_OTL = 2V
 SCALE = 100V/DIV

SYM	REVISIONS	APPROVED	DATE
B	PER PCO 10-7043 CHG R299, R358	[REDACTED]	04MAR92
C	CHGS PER PCOS 10-7051, 7078	[REDACTED]	20MAR92
D	CHG C265 NO LOAD PER PCO 7192	[REDACTED]	11JUN92



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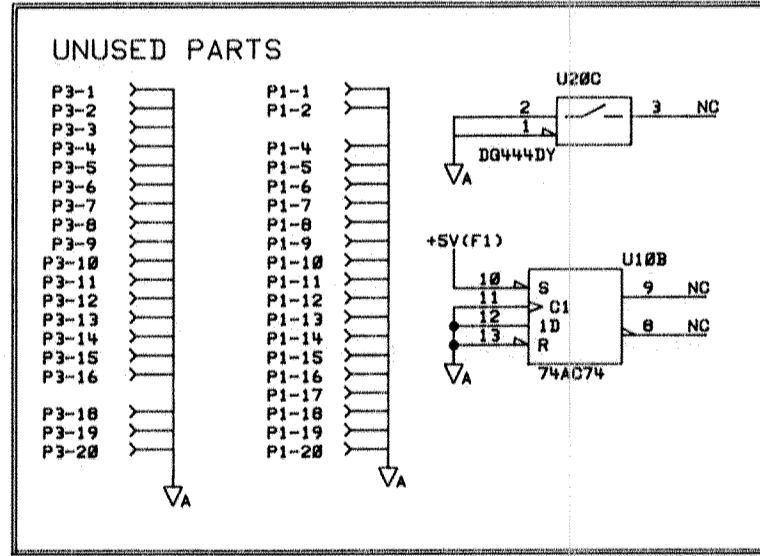
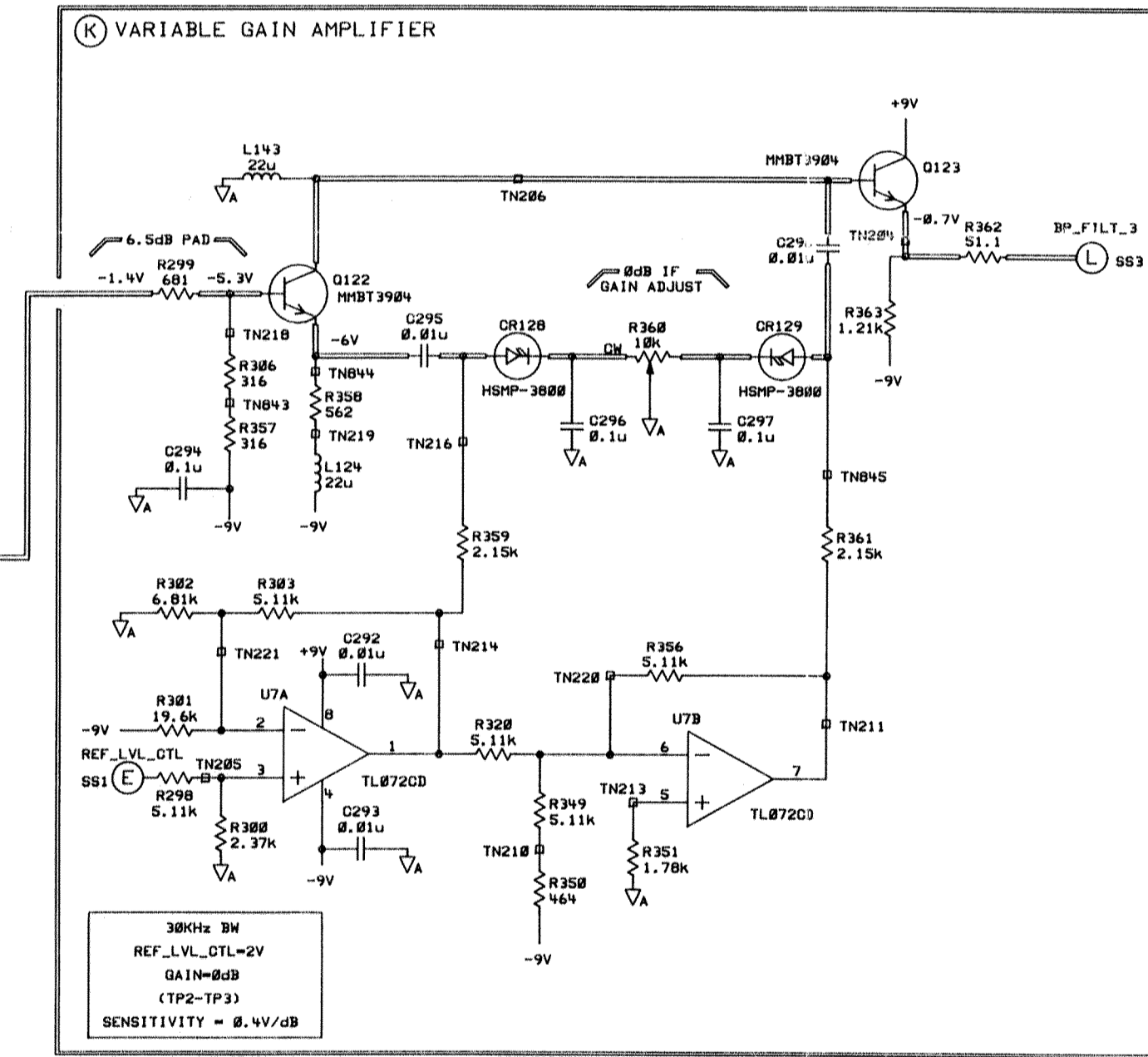
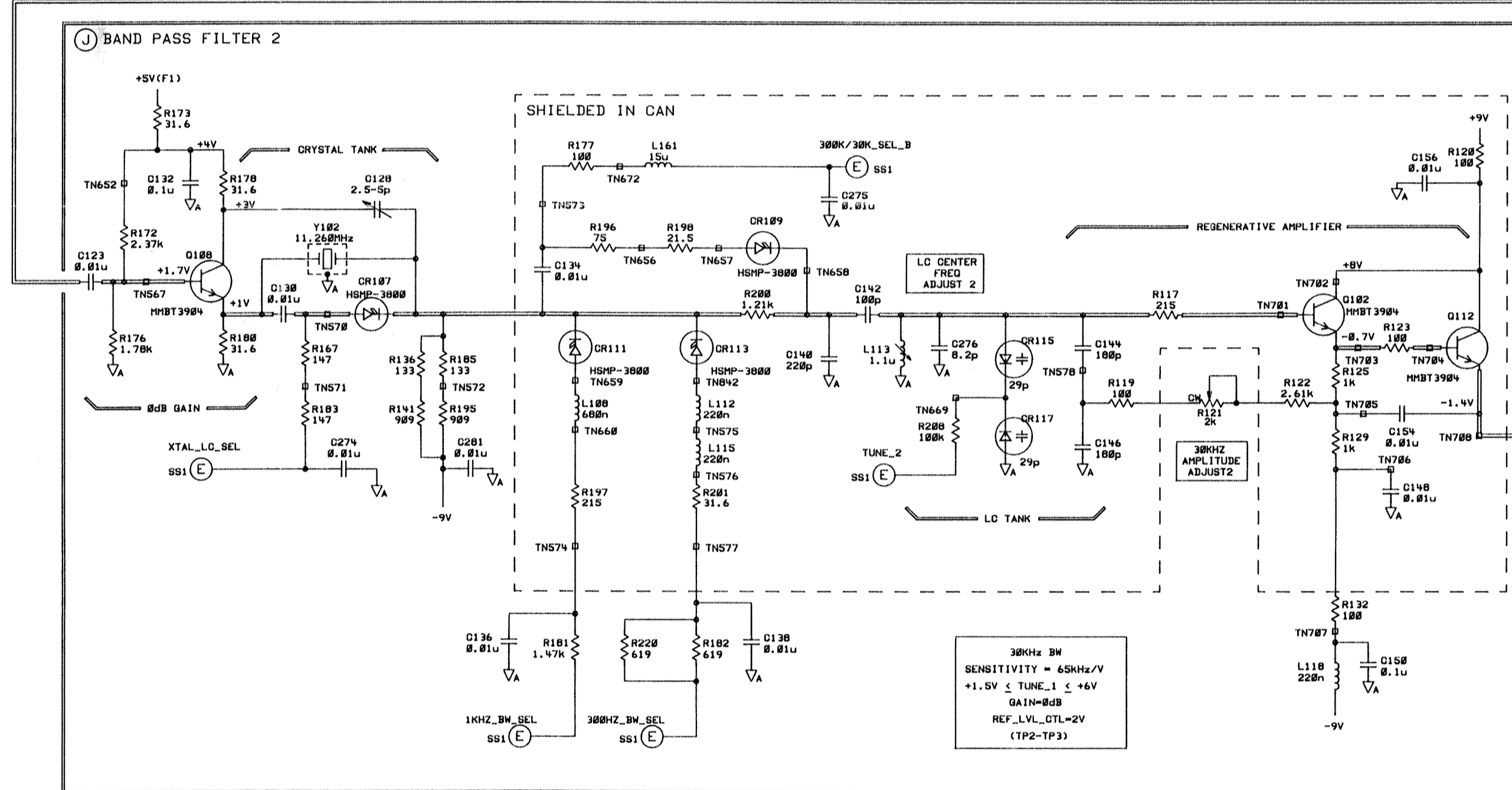
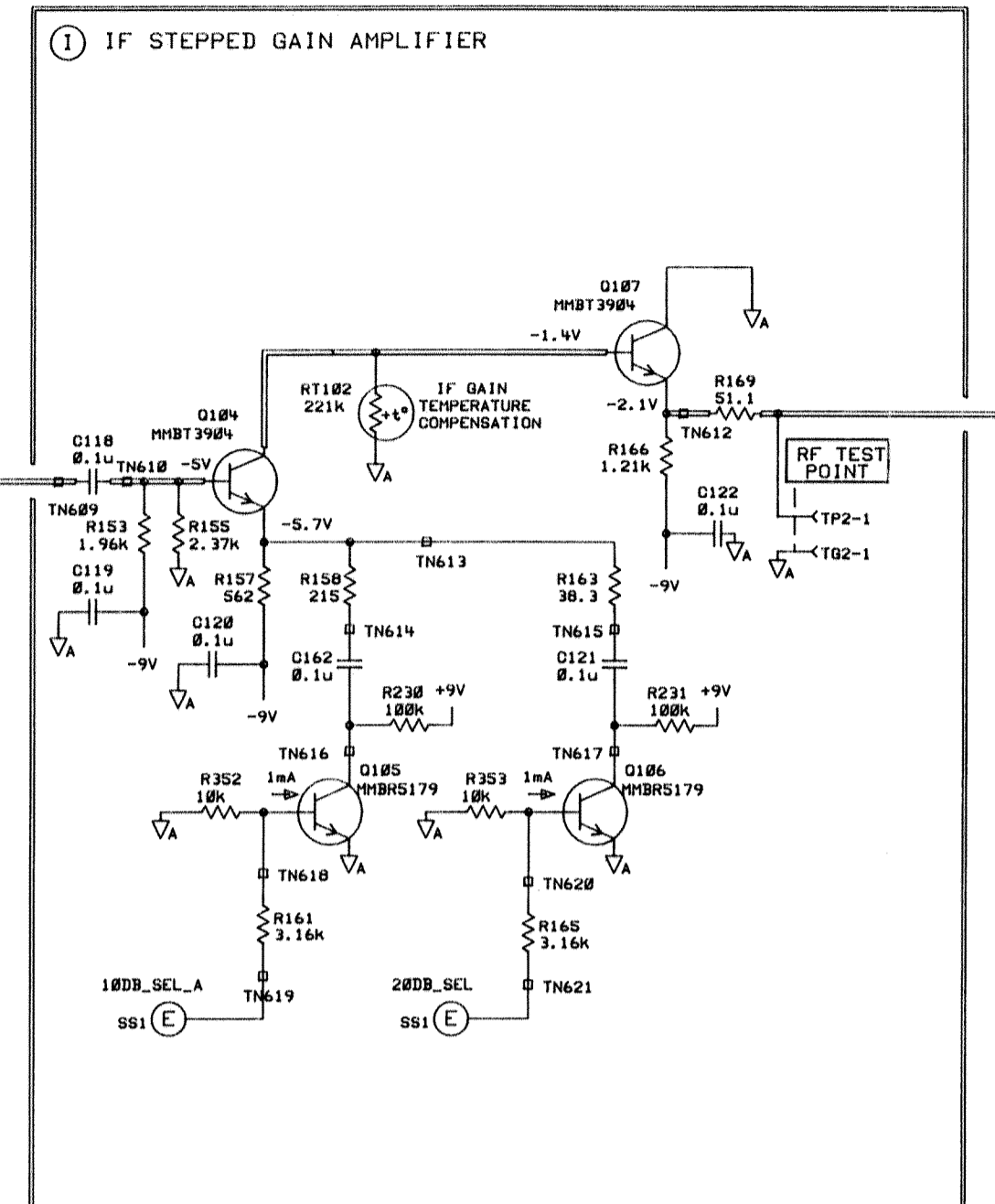
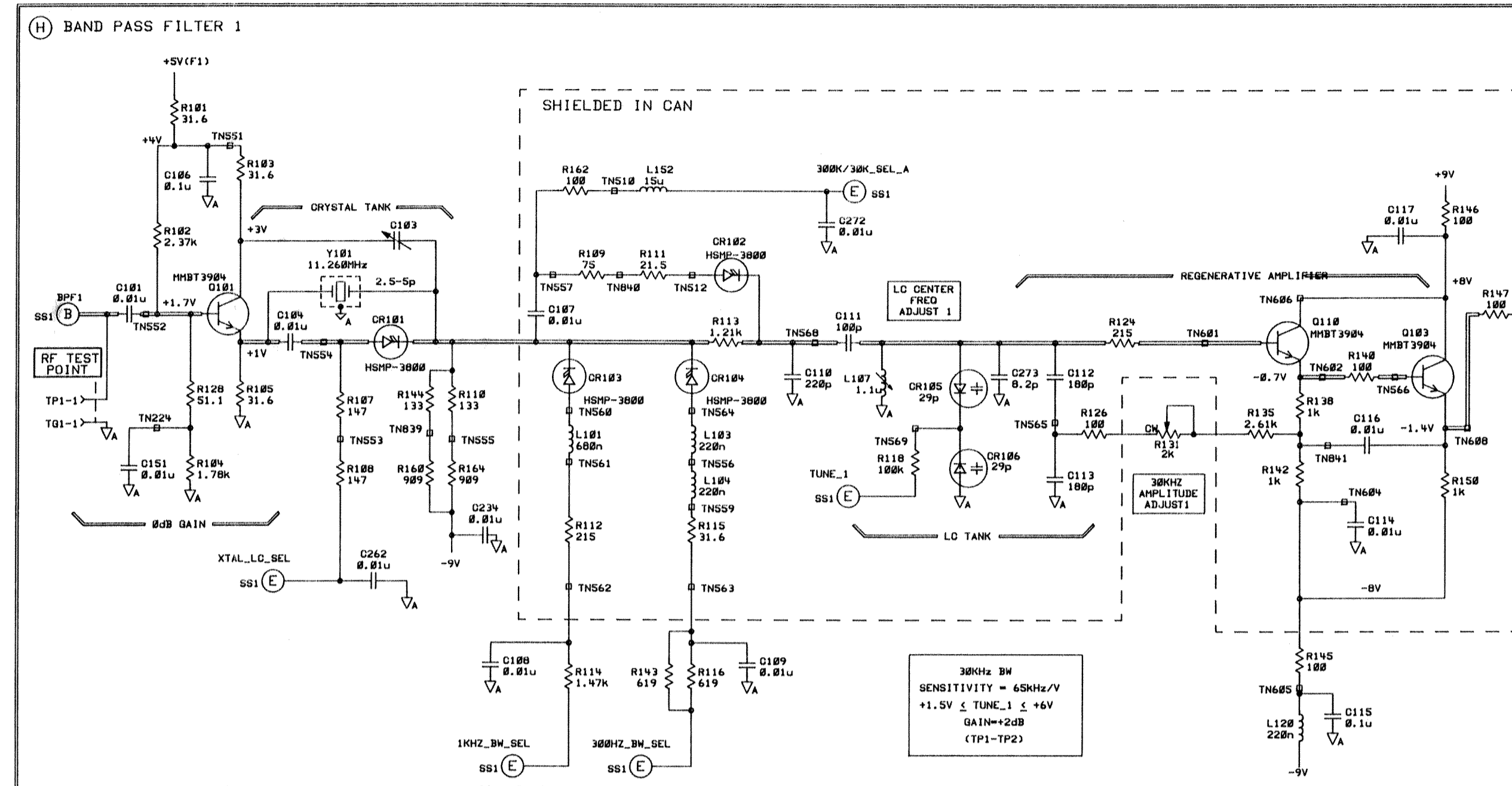
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ENGINEER/CHECKER [REDACTED]	DATE	DATE	DATE	FILENAME
RELEASE TO PROD. [REDACTED]	18DEC91	18DEC91	18DEC91	SCALE NONE
SUPERSEDES DWG. [REDACTED]	DATE	DATE	DATE	SHEET 1 OF 3
				08920-60214
				PART NUMBER
				D-08920-60214-1

SCHEMATIC, PWA SPECTRUM ANALYZER

SS1

SYM	REVISIONS	APPROVED	DATE
B	PER PCO 10-7043 CHG R299, R358		04MAR92
C	CHGS PER PCOS 10-7051, 7078		20MAR92
D	CHG C265 NO LOAD PER PCO 7192		11JUN92



NOTE: POLARITY OF THESE TABLES APPLIES TO SS2, SS3.

L.F. STEPPED GAIN AMPLIFIER CONTROL LINES	REFERENCE LEVEL [dBm] AT THE ANTENNA PORT						
	-20	-25	-30	-35	-40	-45	-50
5dB_SEL	L	H	L	H	L	H	L
10dB_SEL_B	L	L	L	L	H	L	H
10dB_SEL_A	L	L	H	H	H	L	L
20dB_SEL	L	L	L	L	L	H	H

RESOLUTION BANDWIDTH	SPAN	SWEEP RATE
300Hz	<50kHz	30kHz/S
1kHz	<200kHz	330kHz/S
3kHz	<1.5MHz	3MHz/S
30kHz	<3MHz	21.4MHz/S
30kHz	<18MHz	36.3MHz/S
300kHz	<200MHz	257MHz/S
300kHz	<1000MHz	1000MHz/S

CONTROL LINES	RESOLUTION BANDWIDTH				
	300kHz	30kHz	3kHz	1kHz	300Hz
XTAL_LC_SEL	H	H	L	L	L
300Hz_BW_SEL	L	L	L	L	H
1kHz_BW_SEL	L	L	L	H	L
300K/30K_SEL_C	H	L	L	L	L
300K/30K_SEL_B	H	L	L	L	L
300K/30K_SEL_A	H	L	L	L	L

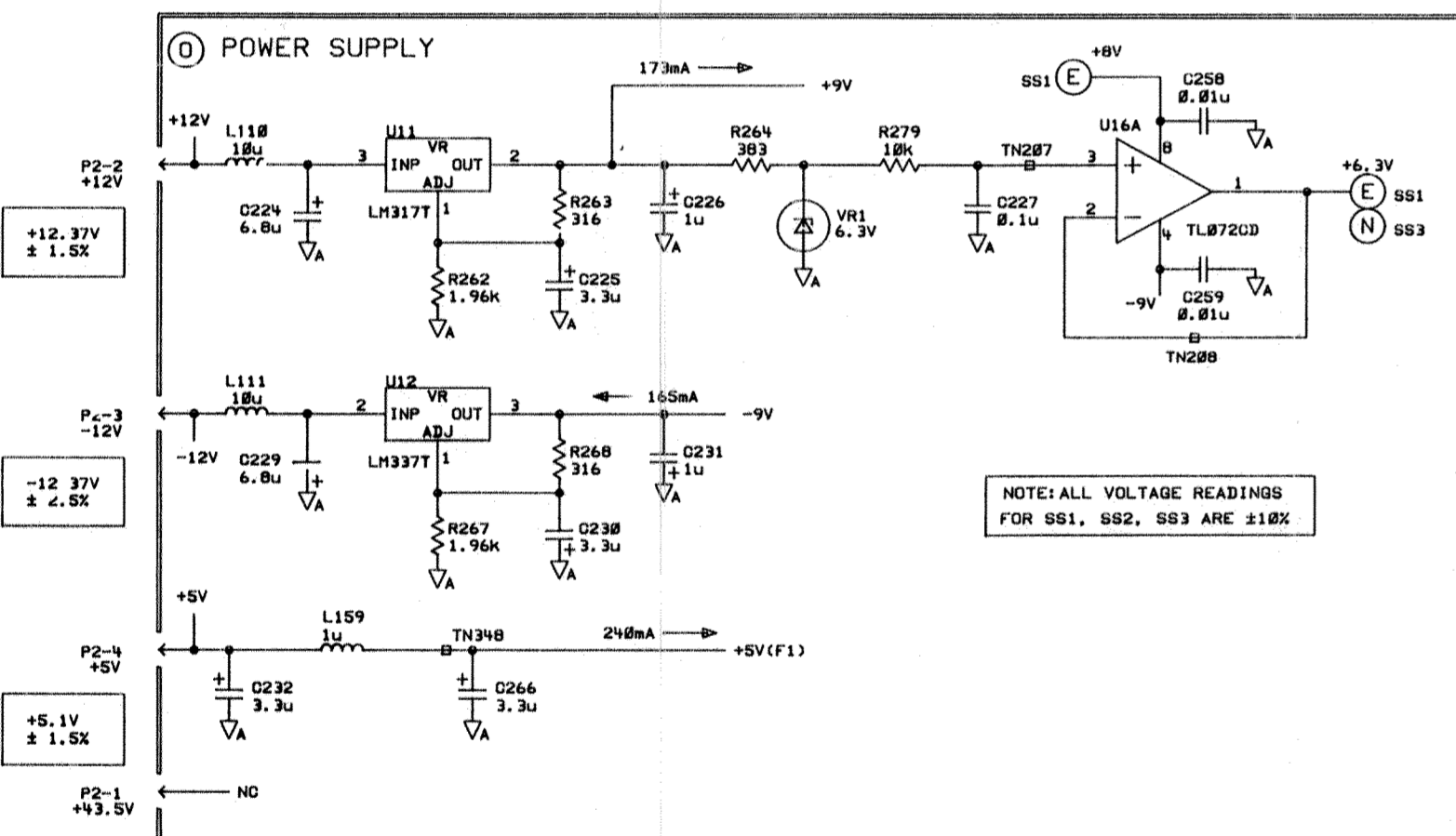
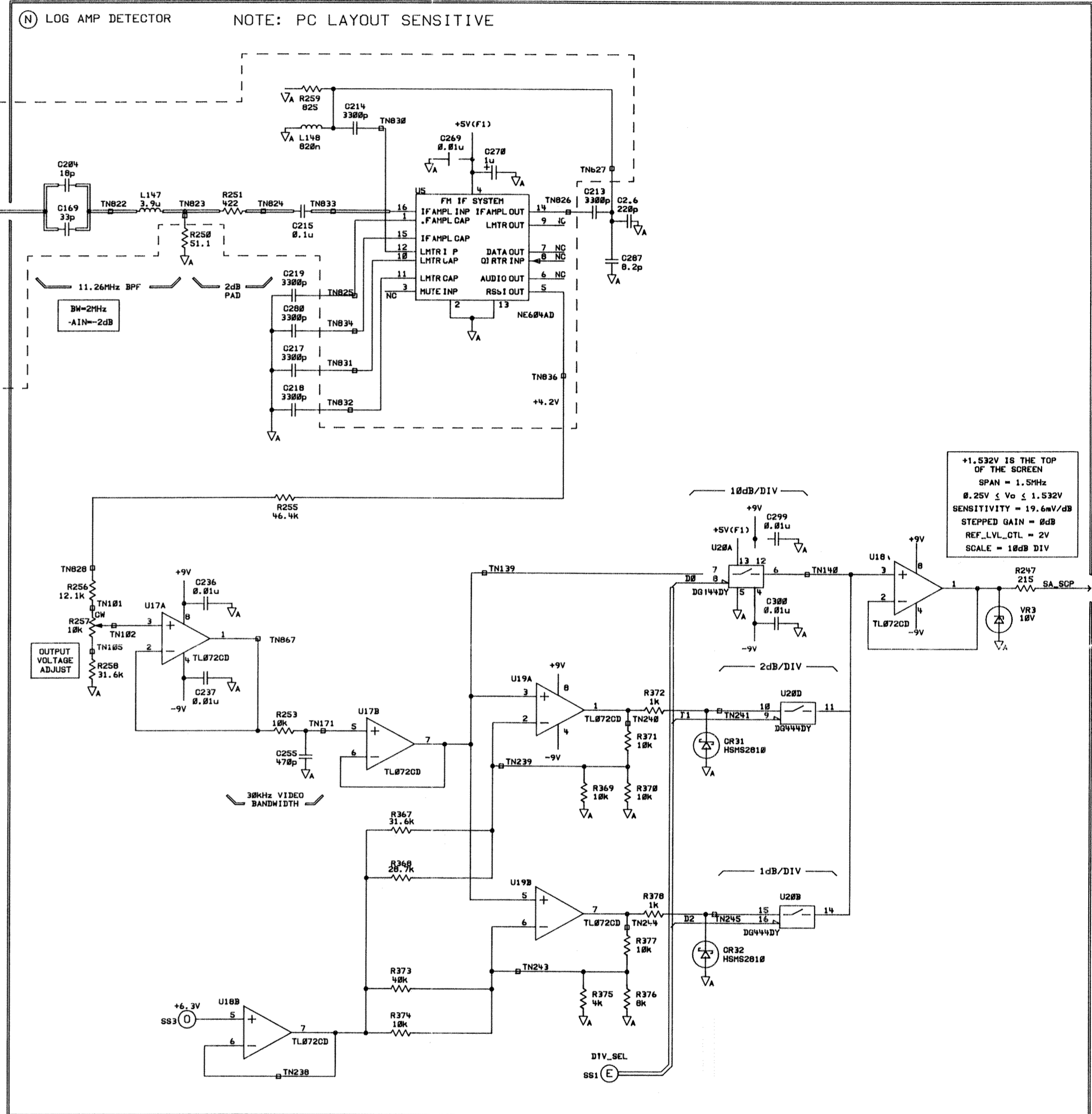
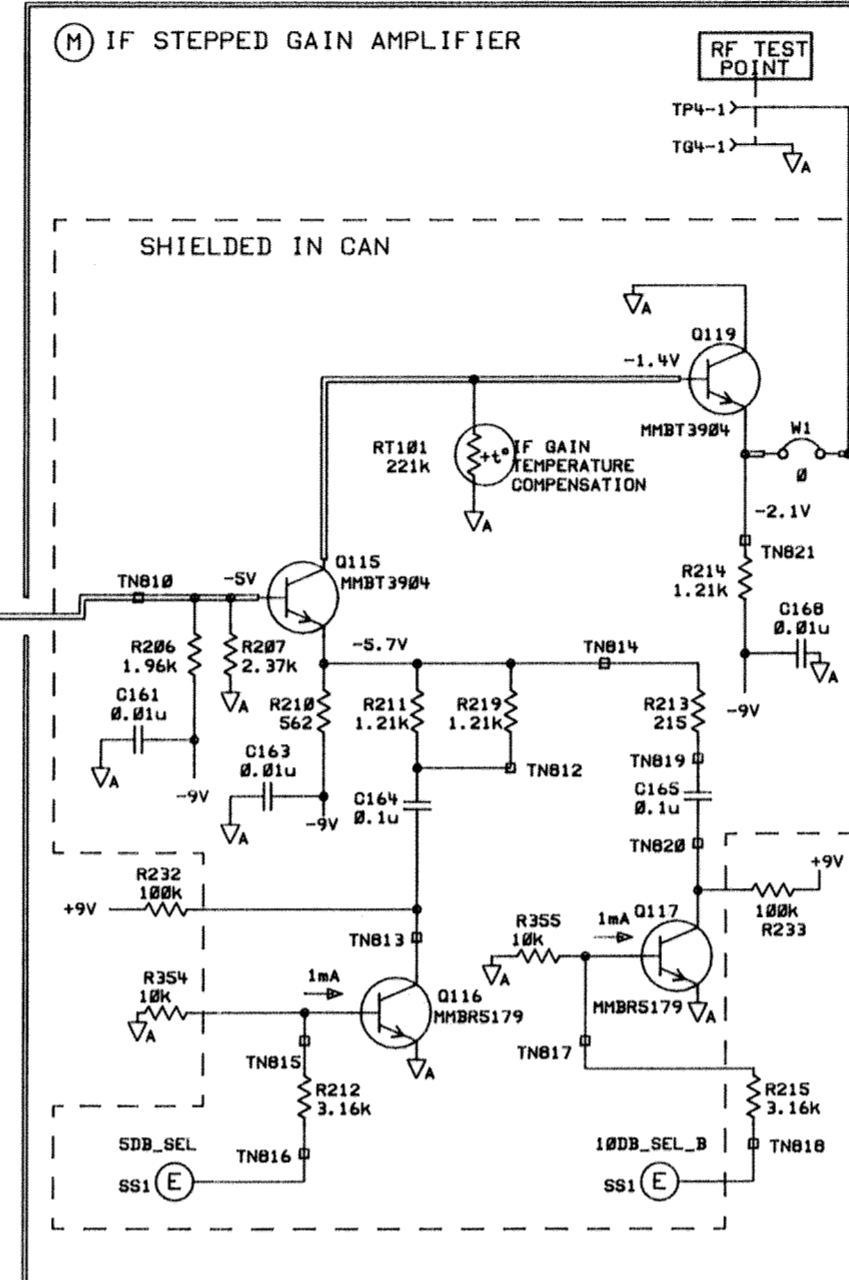
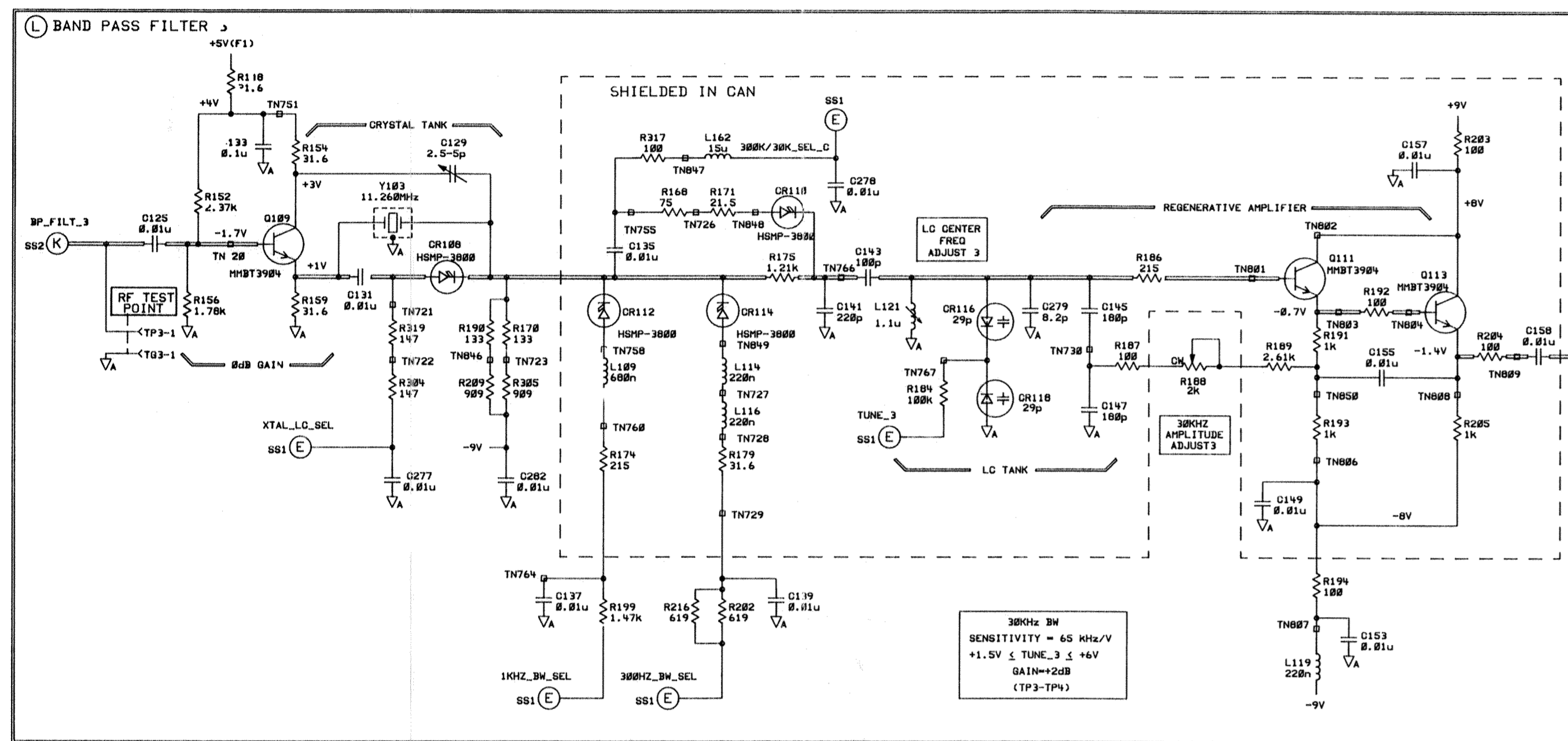
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DRAWN BY	19AUG91
DATE	
ENGINEER/CHECKER	19AUG91
DATE	
RELEASE TO PROD.	18DEC91
DATE	
SUPERSEDES DWG.	

SCHEMATIC, PWA SPECTRUM ANALYZER
TITLE

s2ba1214	FILENAME
NONE	SCALE
2 OF 3	SHEET
08920-60214	PART NUMBER
D-08920-60214-1	

SYM	REV. NO.	APPROVED	DATE
B	PER PC - 0-7043 CHG P299,R358		01 AR92
C	CHGS PER PCOS -0-7051,7078		20MAR92
D	JHG C265 NO LOAD PER PCO 7192		11JUN 2



H = +4.5V
L = +0.1V

CONTROL LINES	LOG SCALE		
	10dB/DIV	2dB/DIV	1dB/DIV
D0 (10dB/DIV_SEL)	L	H	H
D1 (2dB/DIV_SEL)	H	L	H
D2 (1dB/DIV_SEL)	H	H	L

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DRAWN BY
ENGINEER/CHECKER
RELEASE TO PROD.
SUPERSEDES DNG.

19AUG91
19AUG91
18DEC91
DATE

SCHMATIC, PWA
SPECTRUM
ANALYZER

s3ba1214
FILENAME
S.ALE NONE
SHEET 3 OF 3
08920-60214
PART NUMBER
D-08920-60214-1

Component-Level Information Packet

A19

MEASUREMENT

08920-61836

Component-Level Information Packet

A19

MEASUREMENT

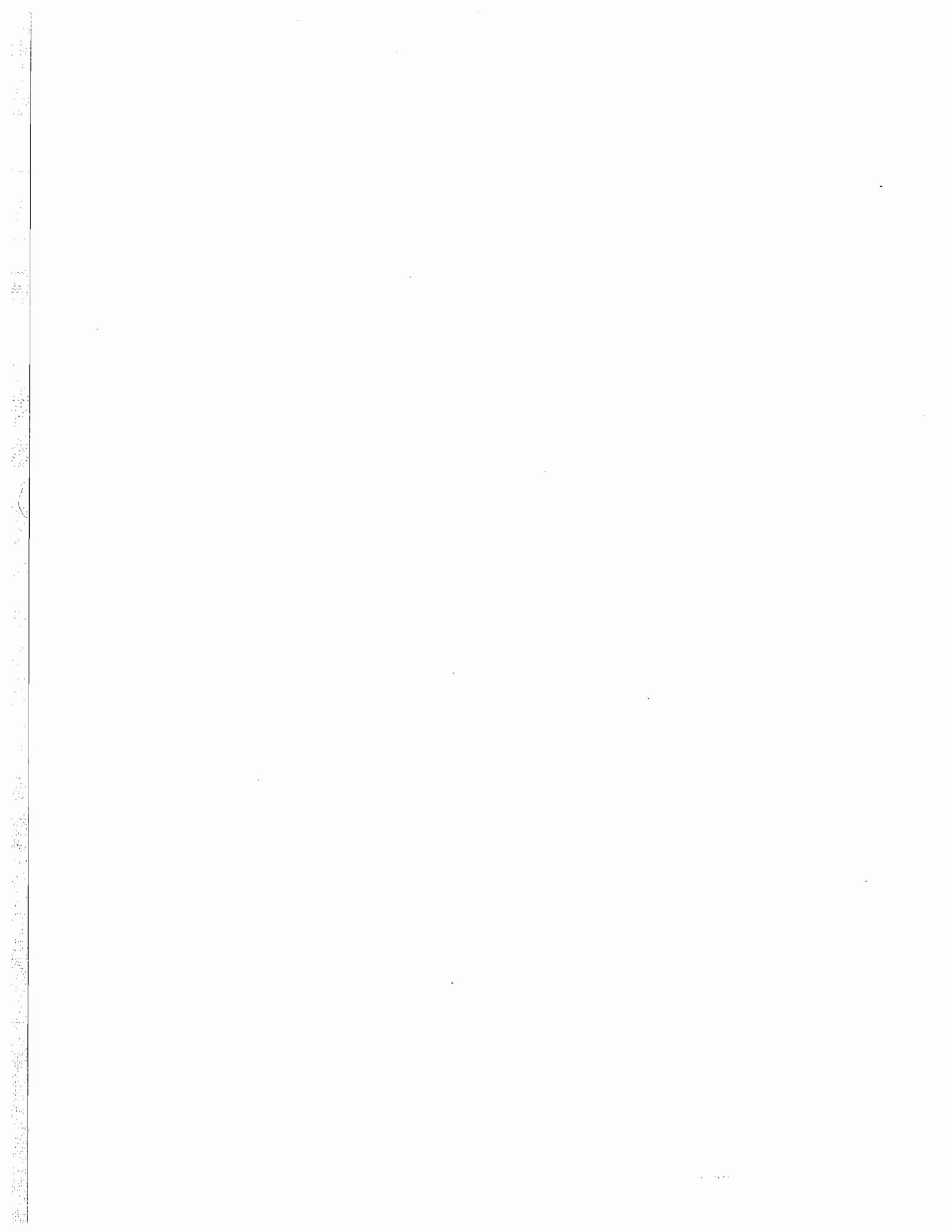
08920-61836

8920A COMPONENT LEVEL INFORMATION ERRATA

A19 Measurement

Change A19U18 to:

A19U18, 1820-4966, 1, IC-DGTL FF CMOS/HC D-TYPE EDGE-TRIG, 04713, MC74HC74AD



A19 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A19	08920-61836	1	MEASUREMENT (New)	28480	08920-61836
A19	08920-69131	1	MEASUREMENT (Exchange)	28480	08920-69131
A19	08920-60231-1	REF	MEASUREMENT SCHEMATIC DIAGRAM		
A19	08920-60231-2	REF	MEASUREMENT COMPONENT LOCATOR		
A19C1	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C2	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C3	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C4	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A19C5	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C6	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C7	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C8	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C9	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C10	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C11	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C12	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C13	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C14	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C15	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C16	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C17	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C18	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C20	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C21	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C22	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A19C23	0160-6728	1	CAP-FXD 0.022UF +-10% 50V CER X7R	81349	CDR32BX223AKWM
A19C24	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A19C25	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A19C26	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C27	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C28	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C29	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C31	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C32	0160-4653	1	CAP-FXD 0.1UF +-5% 100V POLYP-MET	84411	HEW-505-100V-104J
A19C33	0160-6216	1	CAP-FXD 1000PF +-5% 50V CER COG	81349	CDR33BP102BJWM
A19C34	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C35	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C36	0160-6217	1	CAP-FXD 2200PF +-5% 50V CER COG	81349	CDR33BP222BJWM
A19C37	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C38	0160-5952	1	CAP-FXD 330PF +-5% 50V CER COG	81349	CDR01BX331BJWM
A19C39	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C40	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C41	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C42	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C43	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C44	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C45	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A19C46	0160-5962	1	CAP-FXD 15PF +-5% 50V CER COG	81349	CDR01BP150BJWM
A19C47	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K

A19 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A19 (Cont'd)	08920-61836	REF	MEASUREMENT	28480	08920-61836
A19C48	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C49	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C50	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C51	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C52	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C53	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C56	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A19C57	0160-6096	1	CAP-FXD 470PF +-5% 50V CER COG	81349	CDR32BP471BJWM
A19C58	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A19C59	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A19C60	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C61	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C62	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C63	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C64	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C65	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C66	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C67	0160-5967	1	CAP-FXD 100PF +-5% 50V CER COG	81349	CDR01BP101BJWM
A19C68	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C69	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A19C70	0160-6736	1	CAP-FXD 0.01UF +-10% 50V CER X7R	81349	CDR32BX103BKWM
A19C71	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C72	0160-6735	1	CAP-FXD 4700PF +-10% 50V CER X7R	81349	CDR32BX472BKWM
A19C73	0160-6735	1	CAP-FXD 4700PF +-10% 50V CER X7R	81349	CDR32BX472BKWM
A19C74	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C75	0160-6098	1	CAP-FXD 680PF +-5% 50V CER COG	81349	CDR32BP681BJWM
A19C76	0160-5961	1	CAP-FXD 22PF +-5% 50V CER COG	81349	CDR01BP220BJWM
A19C77	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C78	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C79	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C80	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C81	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C82	0180-3754	1	CAP-FXD 10UF +-20% 25V TA	33297	NRD106M25P12
A19C83	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C84	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C85	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C86	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C87	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C88	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A19C89	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A19C91	0160-6670	1	CAP-FXD 3300PF +-5% 50V CER COG	81349	CDR33BX332AJWM
A19CR1	1900-0072	1	DIODE-SCHOTTKY SM SIG	28480	1900-0072
A19CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A19CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A19CR4	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A19CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A19CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A19CR7	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A19J1	1251-4700	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	28480	1251-4700
A19L1	9140-1113	1	INDUCTOR 10UH +-5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3

A19 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A19 (Cont'd)	08920-61836	REF	MEASUREMENT	28480	08920-61836
A19L2	9140-1113	1	INDUCTOR 10UH +5% Q=50 SRF=20MHZ	7J069	NL453232-100J-3
A19L3	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A19L4	9140-1099	1	INDUCTOR 220NH +5% Q=30 SRF=350MHZ	7J069	NL322522T-R22J-3
A19L5	9140-1105	1	INDUCTOR 1UH +5% Q=50 SRF=100MHZ	7J069	NL453232-1R0J-3
A19L6	9140-1105	1	INDUCTOR 1UH +5% Q=50 SRF=100MHZ	7J069	NL453232-1R0J-3
A19P1	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A19P2	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A19P3	1251-8664	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	534204-4
A19Q1	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A19Q2	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A19Q3	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A19Q4	1854-1095	1	TRANSISTOR NPN SI PD=225MW TO-236AB-PKG	04713	MMBT2369
A19Q6	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A19Q7	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A19Q8	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A19Q9	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A19Q10	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A19Q11	1854-1037	1	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	MMBT3904
A19Q12	1855-0715	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AB	27014	MMBF4393
A19Q14	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A19Q15	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A19Q16	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A19Q17	1853-0609	1	TRANSISTOR PNP SI PD=1W TO-243AB-PKG	H0002	PXT2907A
A19R1	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A19R2	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A19R3	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A19R4	0699-1904	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	81349	M55342K07R1E62R
A19R5	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R6	0699-1440	1	RESISTOR 121K +-1% .125W TF TC=0+-100	81349	M55342K07R121ER
A19R7	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R8	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A19R9	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R10	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R11	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R12	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A19R13	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R14	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A19R15	0699-1370	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	81349	M55342K07R1E21R
A19R16	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A19R17	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R18	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A19R20	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R22	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A19R23	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A19R24	0699-1320	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	81349	M55342K07R19E6R
A19R25	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R26	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R27	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R28	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R29	0699-1419	1	RESISTOR 147 +-1% .125W TF TC=0+-100	81349	M55342K07R147DR

A19 Replaceable Parts

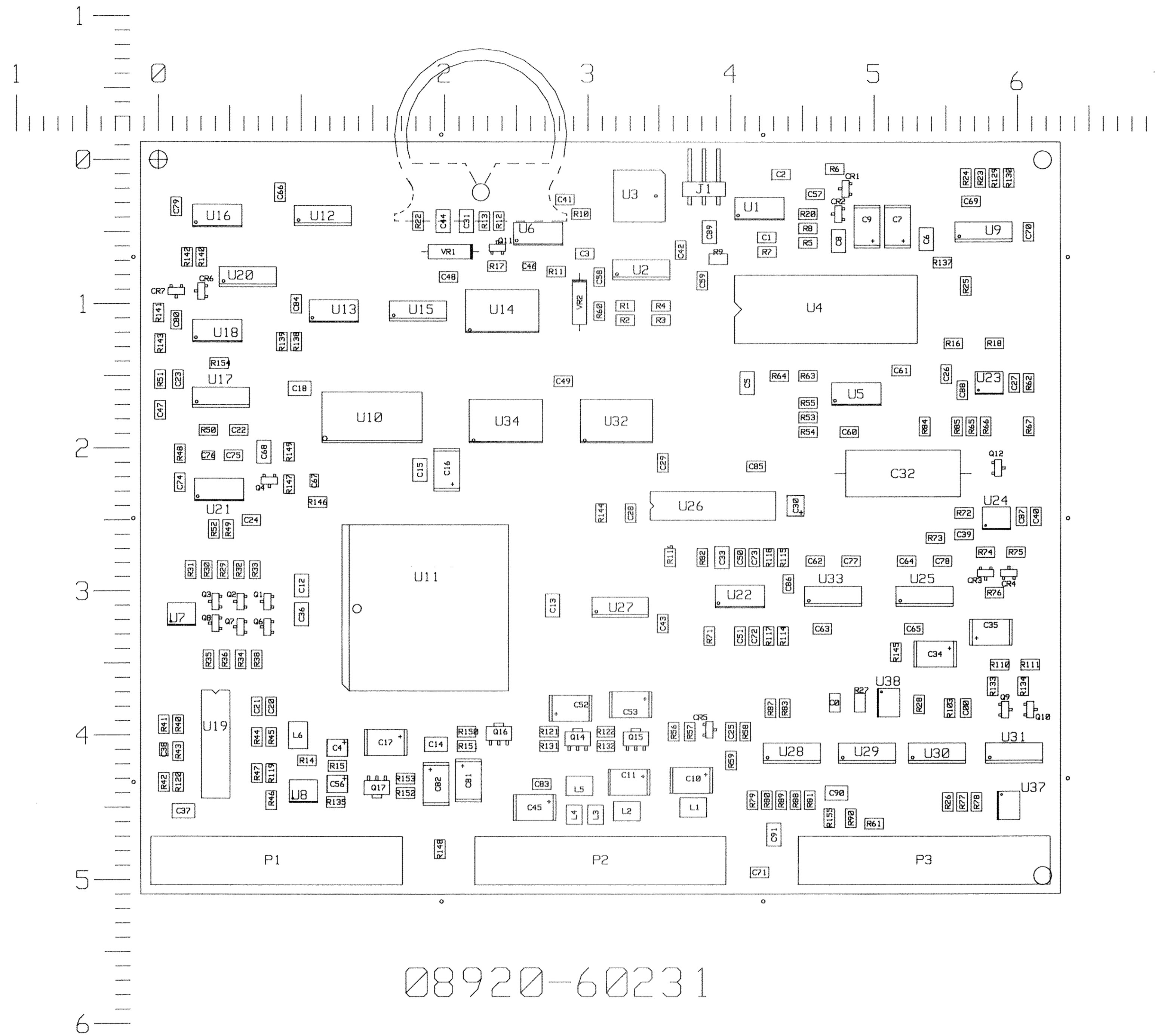
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A19 (Cont'd)	08920-61836	REF	MEASUREMENT	28480	08920-61836
A19R30	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A19R31	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A19R32	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A19R33	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A19R34	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A19R35	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A19R36	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A19R38	0699-1413	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	81349	M55342K07R82E5R
A19R40	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R41	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A19R42	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A19R43	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R44	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R45	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A19R46	0699-1377	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	81349	M55342K07R2E37R
A19R47	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R48	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A19R49	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A19R50	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A19R51	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A19R52	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R53	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R54	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R55	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R56	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A19R57	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R58	0699-1413	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	81349	M55342K07R82E5R
A19R59	0699-1394	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	81349	M55342K07R14E7R
A19R60	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R61	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A19R62	0699-1388	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	81349	M55342K07R7E50R
A19R63	0699-1320	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	81349	M55342K07R19E6R
A19R64	0699-1389	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	81349	M55342K07R8E25R
A19R65	0699-1362	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	81349	M55342K07R56D2R
A19R66	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A19R67	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A19R71	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R72	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A19R73	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A19R74	0699-1386	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	81349	M55342K07R5E62R
A19R75	0699-1448	1	RESISTOR 316K +-1% .125W TF TC=0+-100	81349	M55342K07R316ER
A19R76	0699-1409	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	81349	M55342K07R56E2R
A19R77	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R78	0699-1407	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	81349	M55342K07R46E4R
A19R79	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R80	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A19R81	0699-1443	1	RESISTOR 147K +-1% .125W TF TC=0+-100	81349	M55342K07R147ER
A19R82	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R83	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A19R84	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R

A19 Replaceable Parts

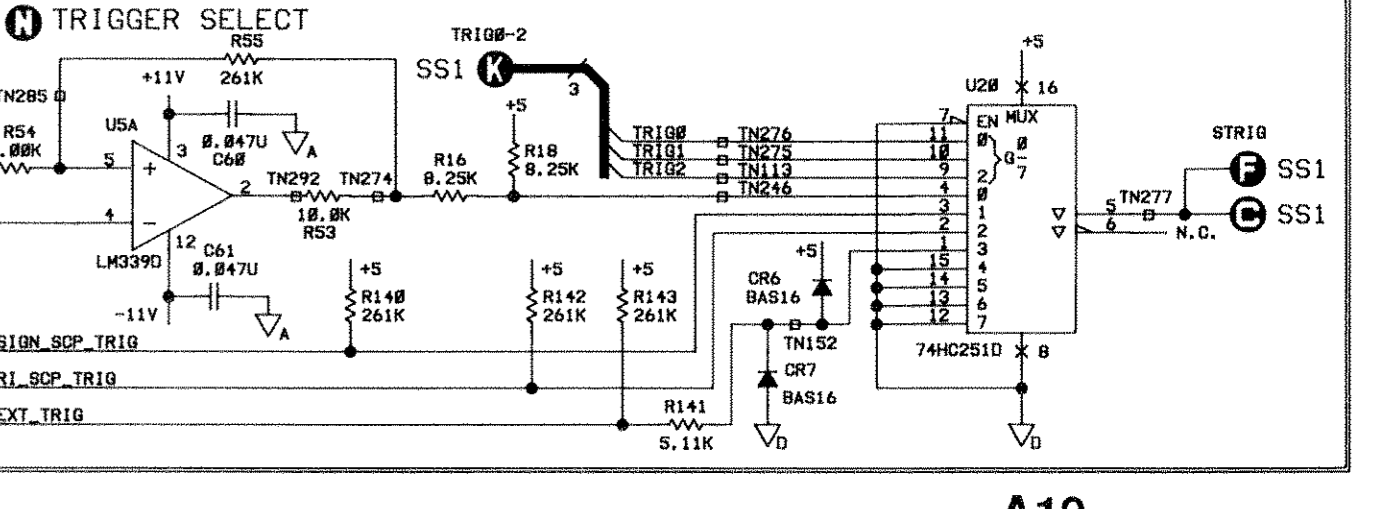
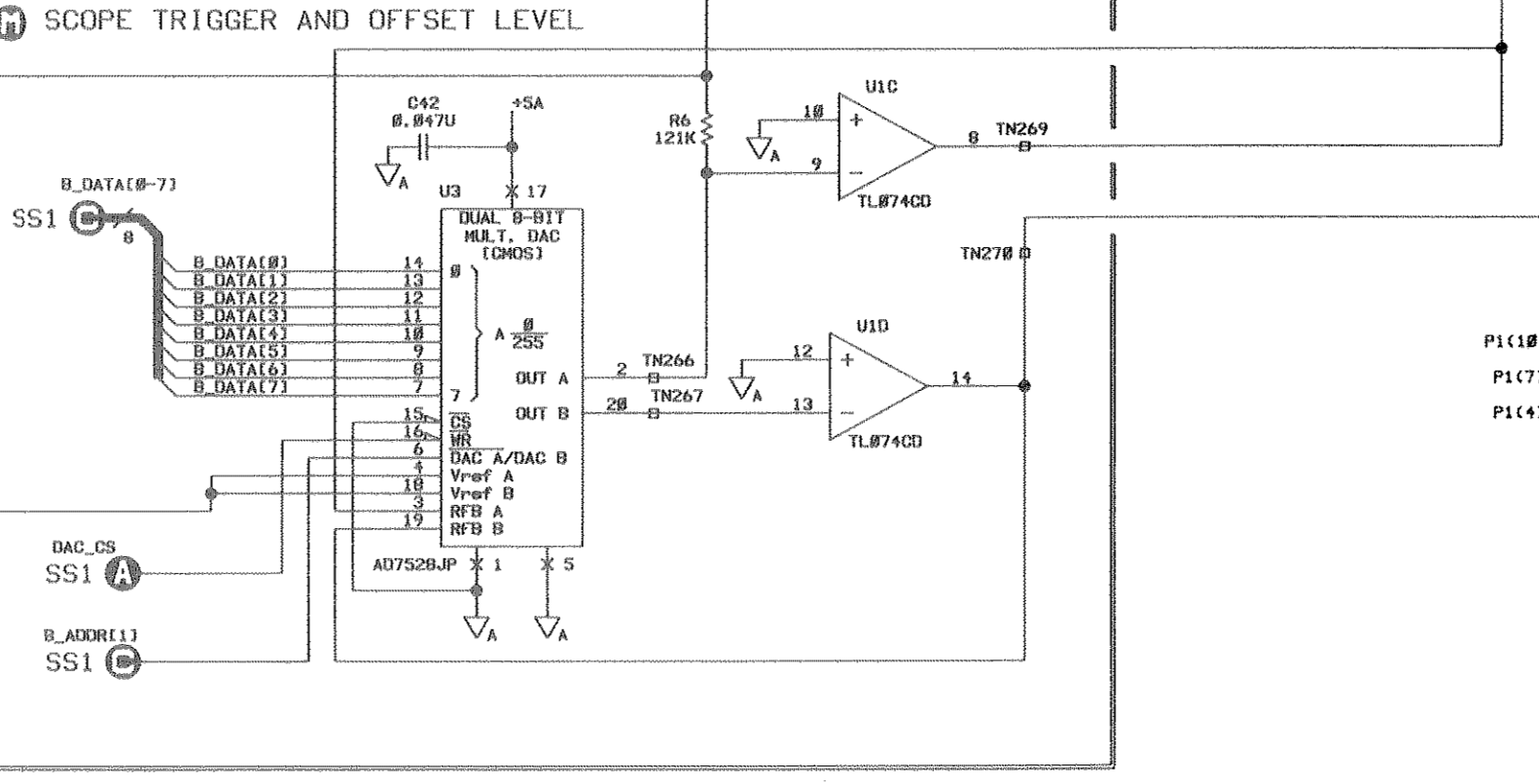
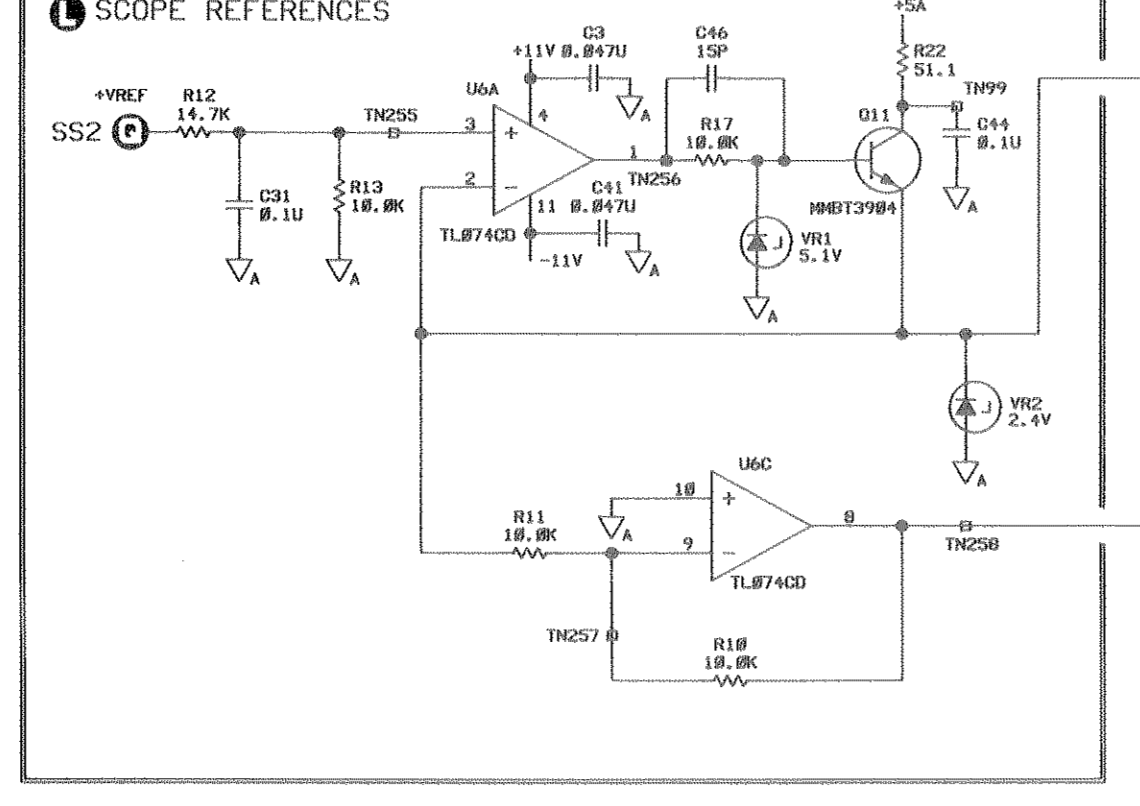
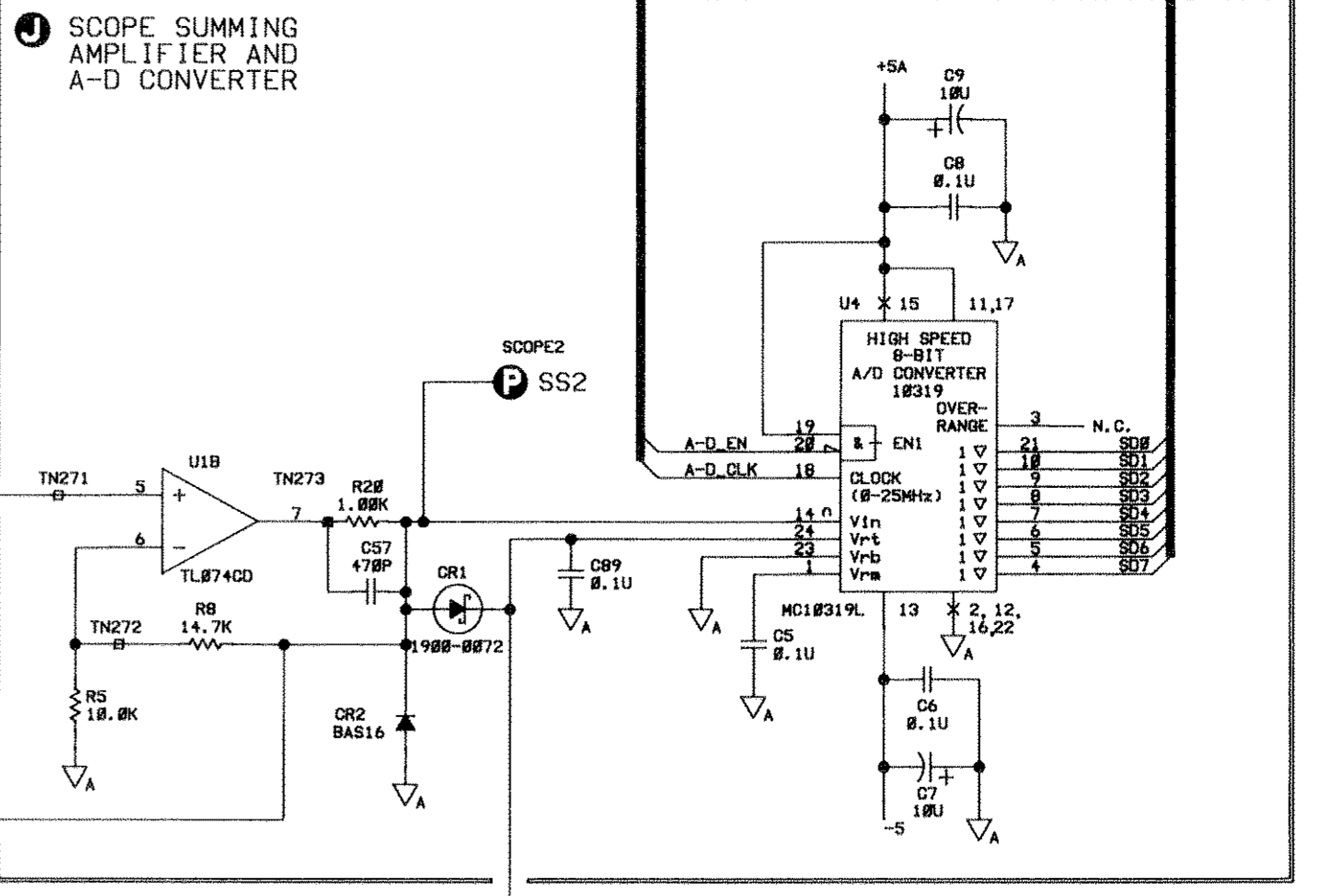
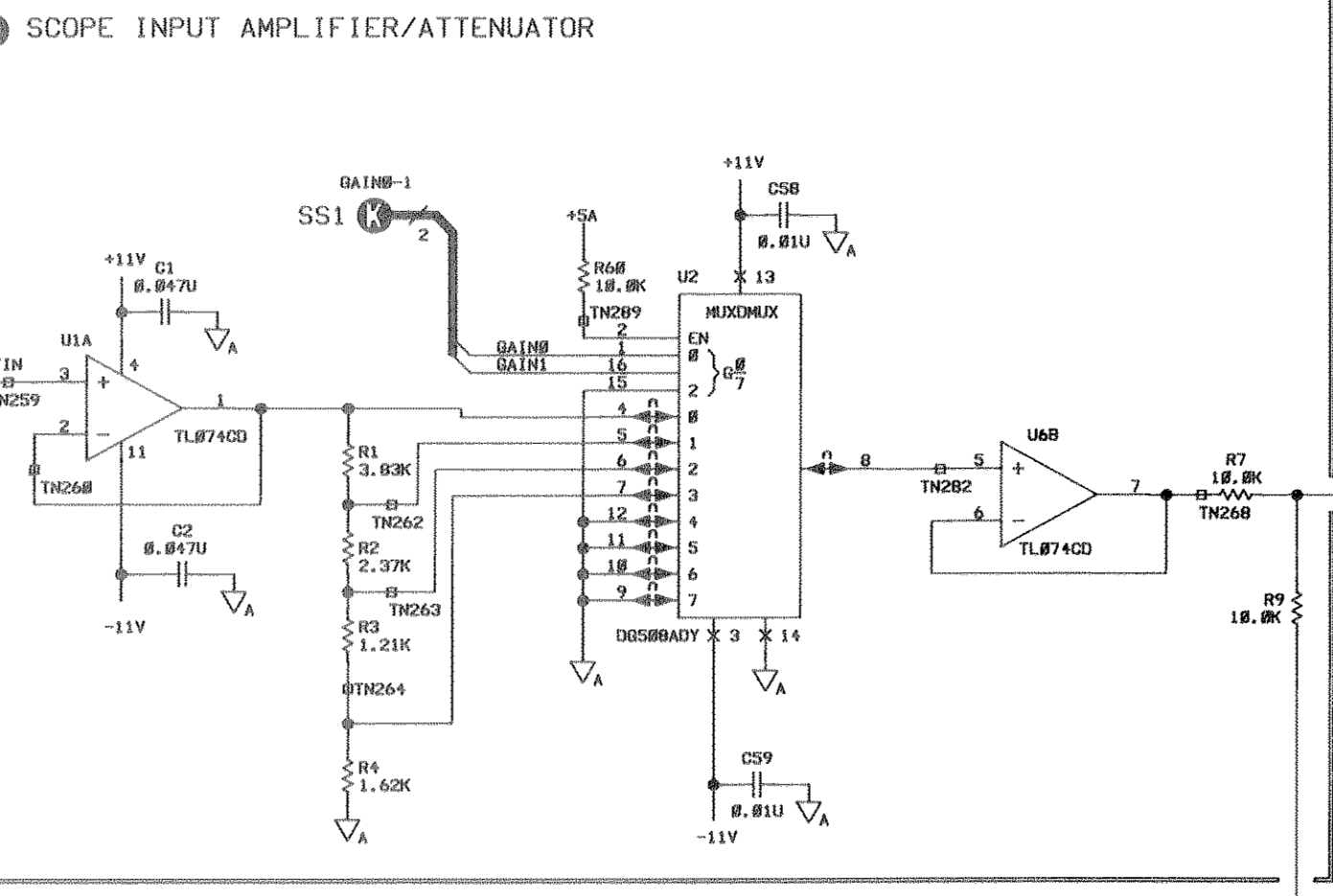
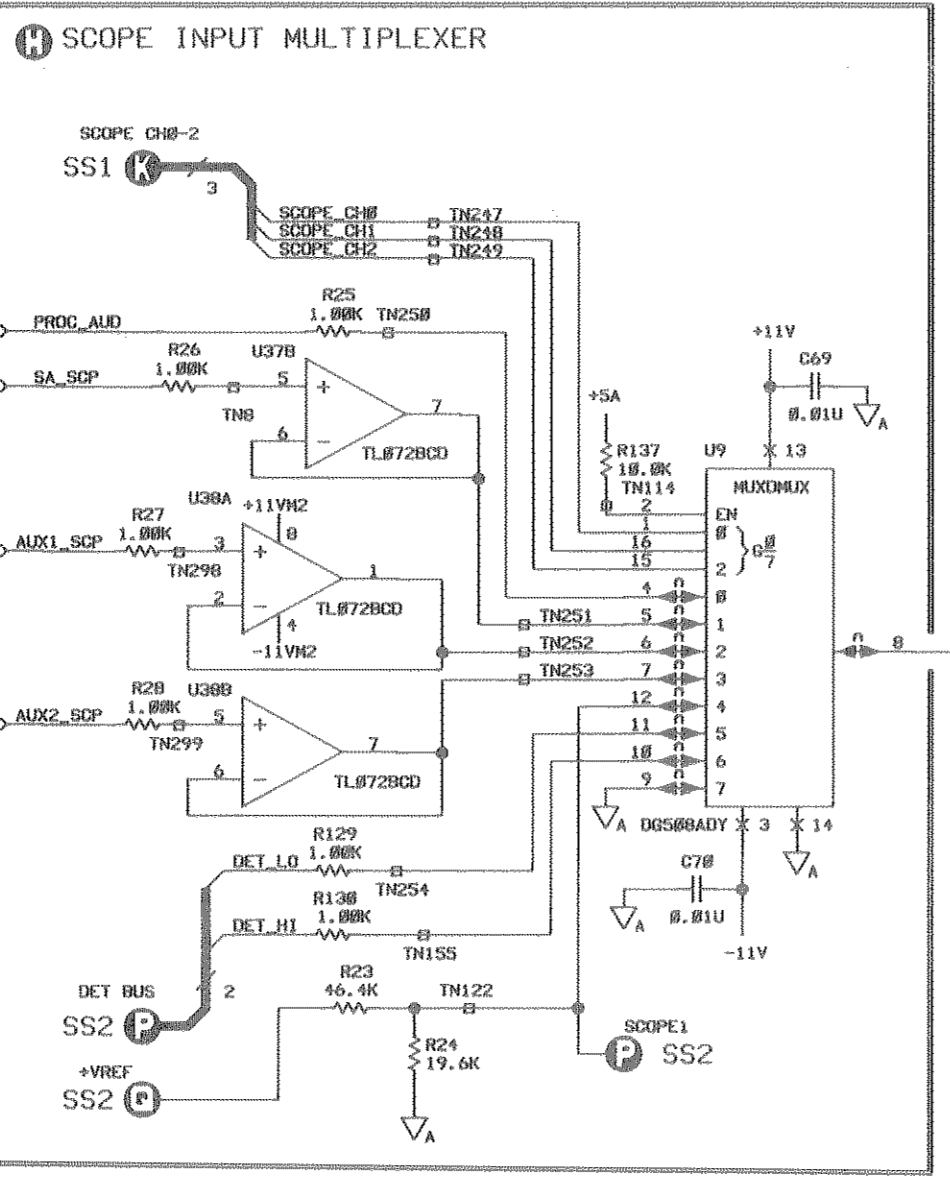
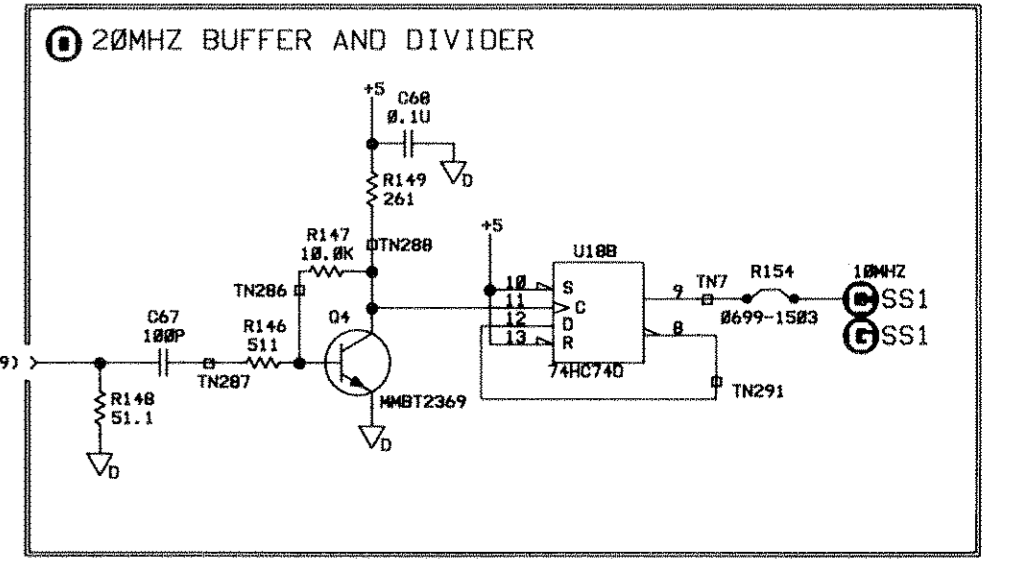
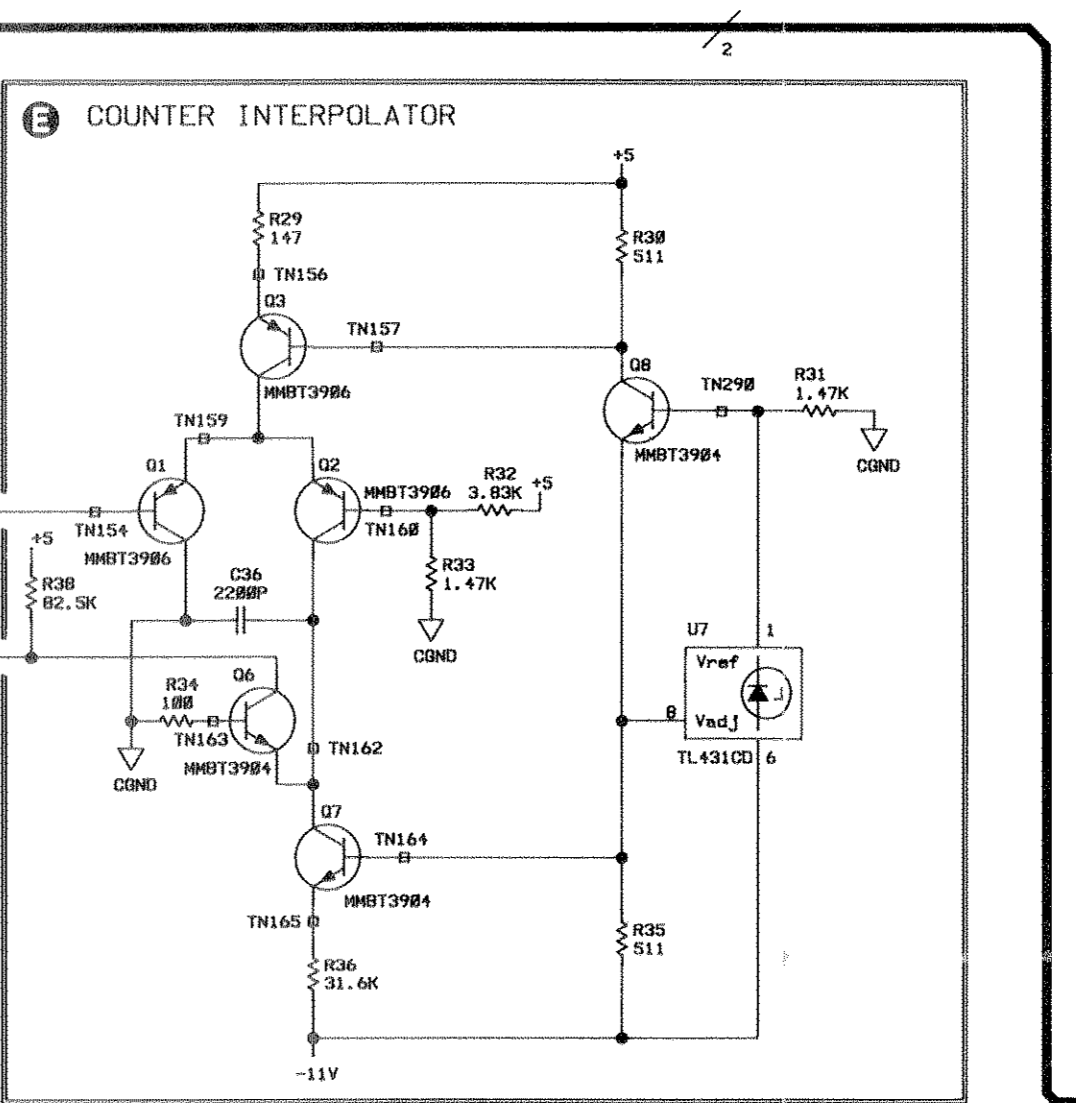
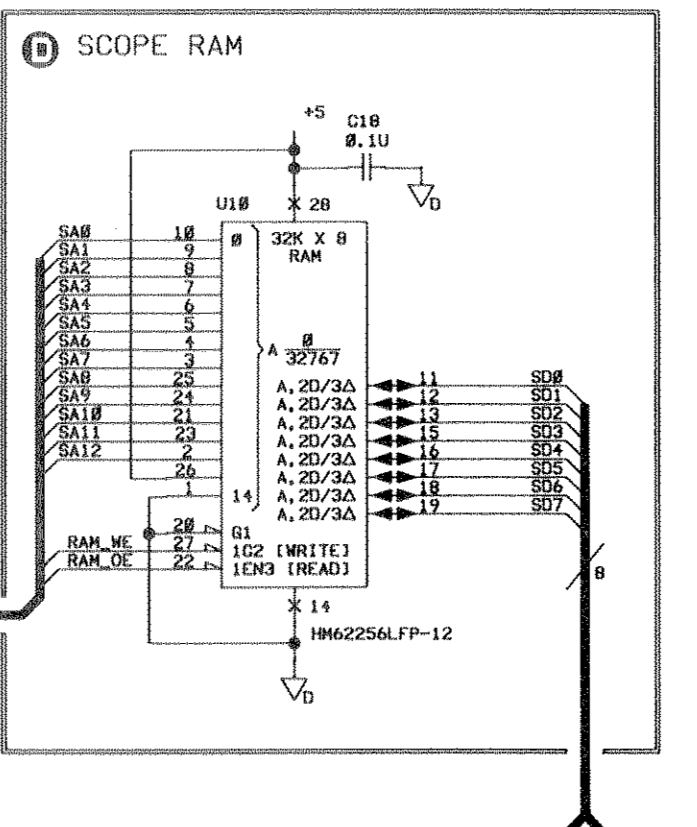
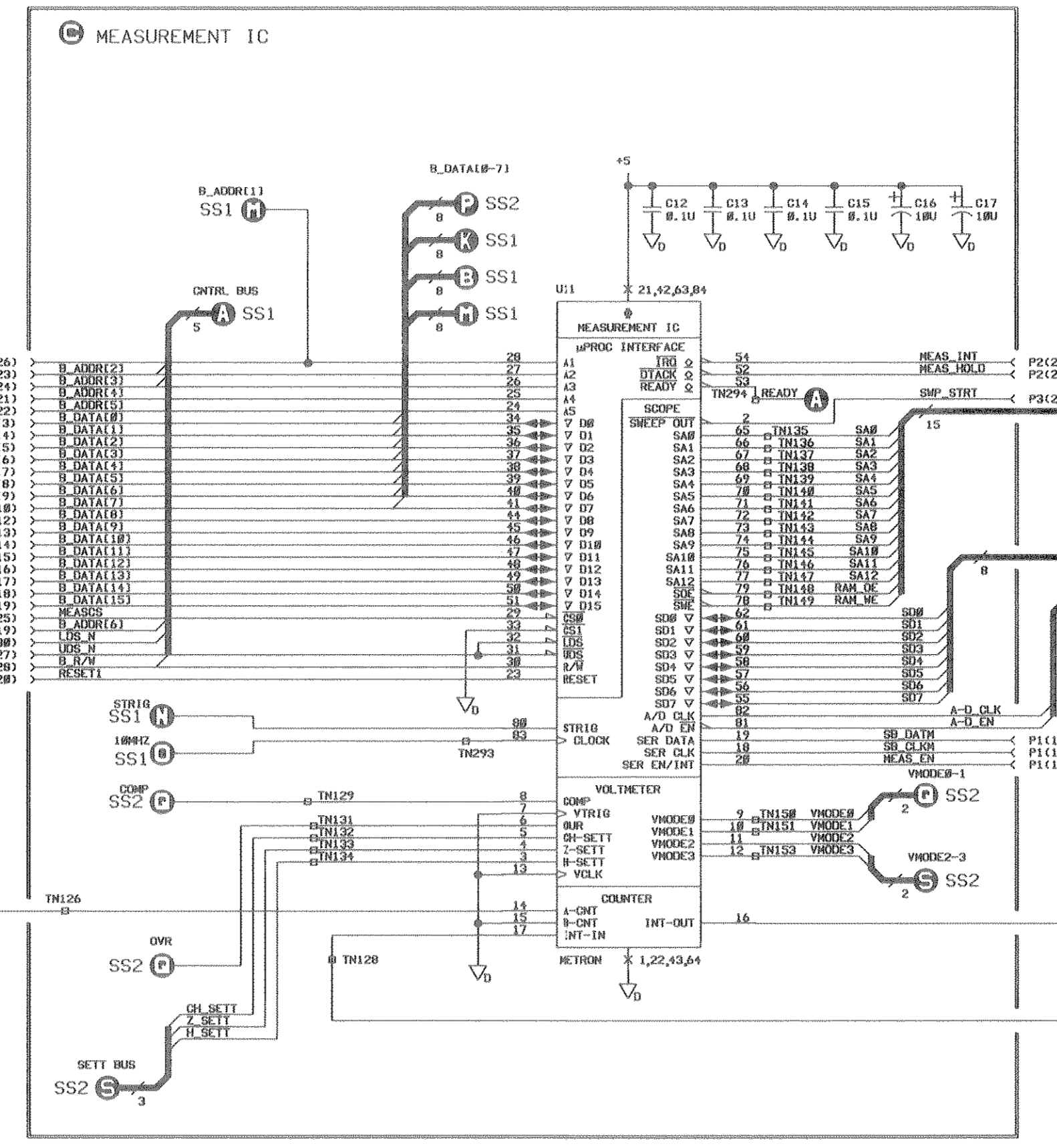
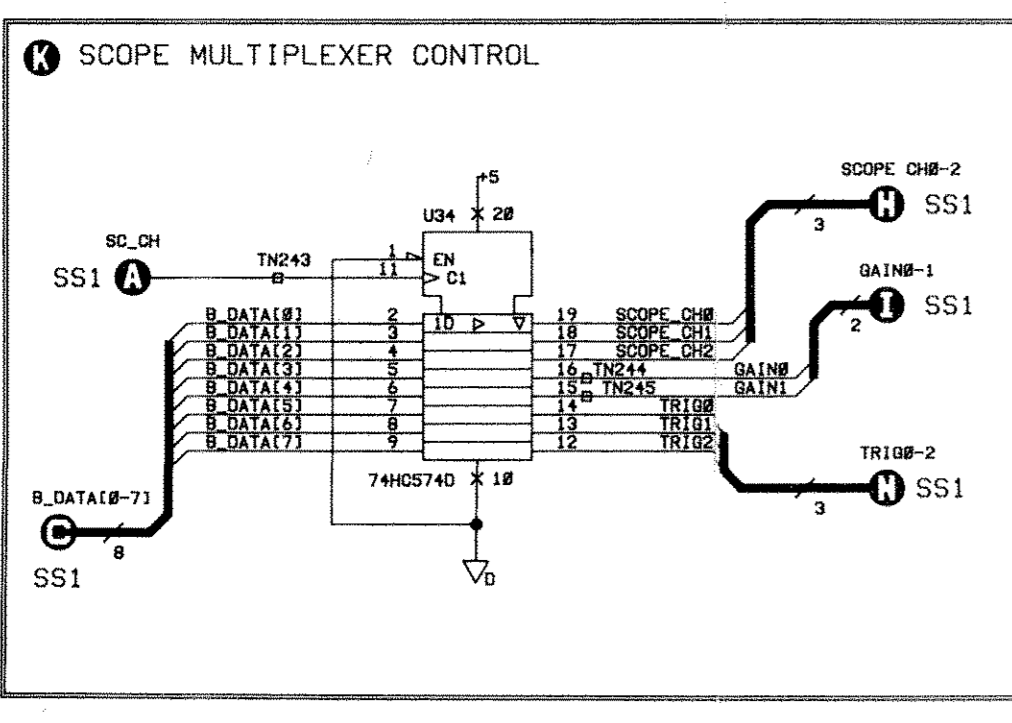
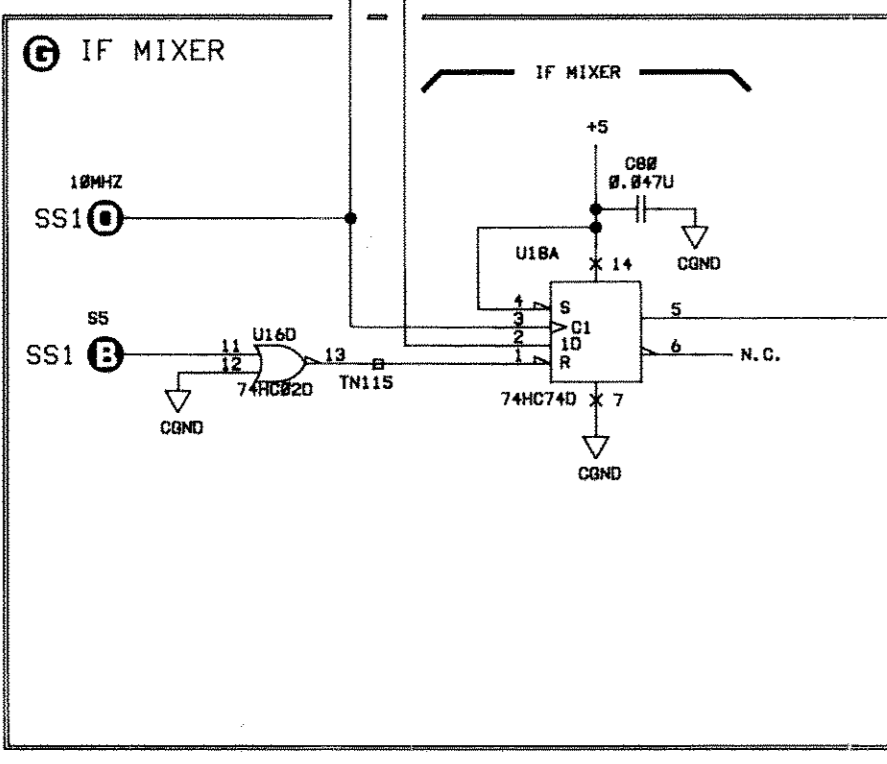
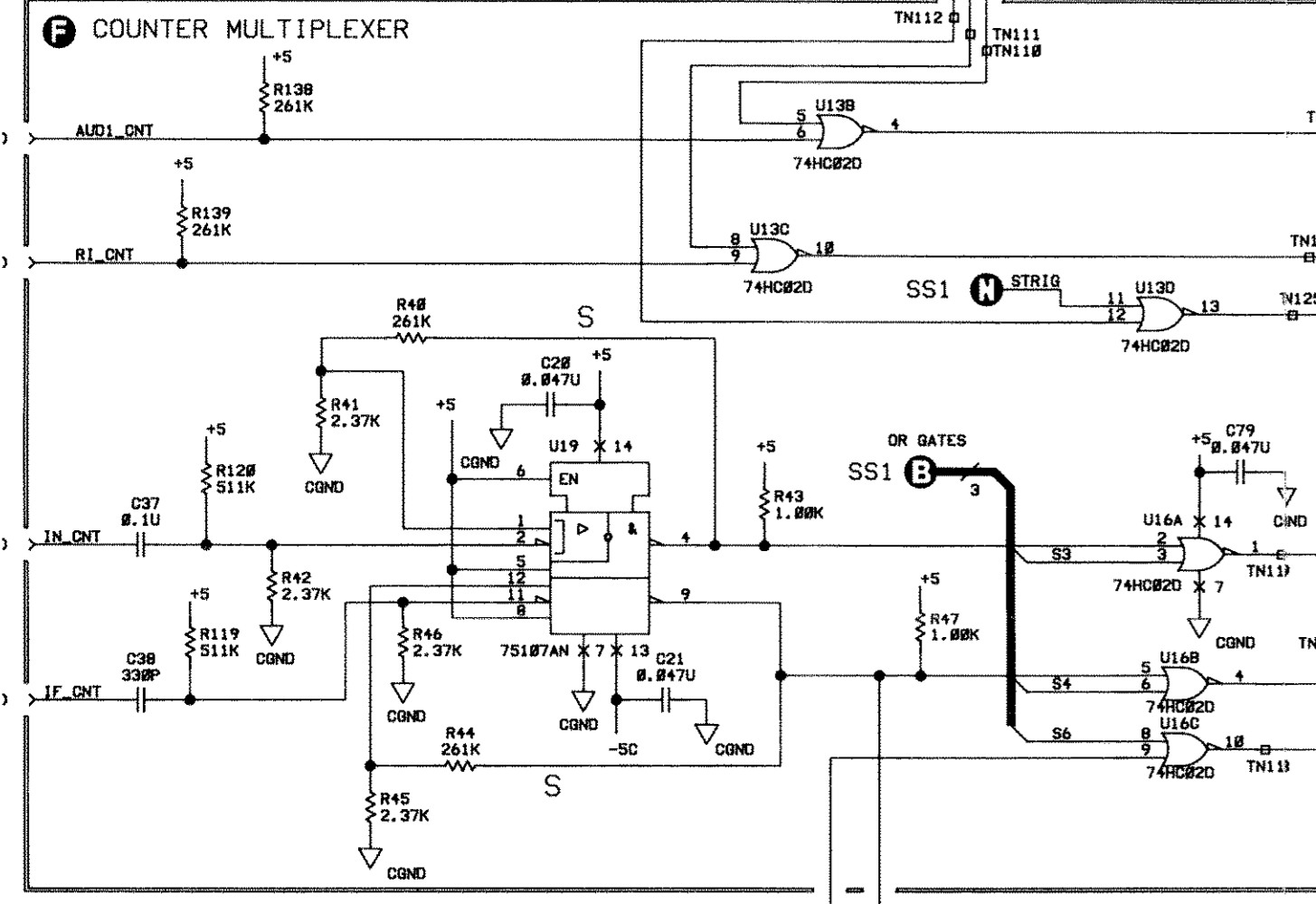
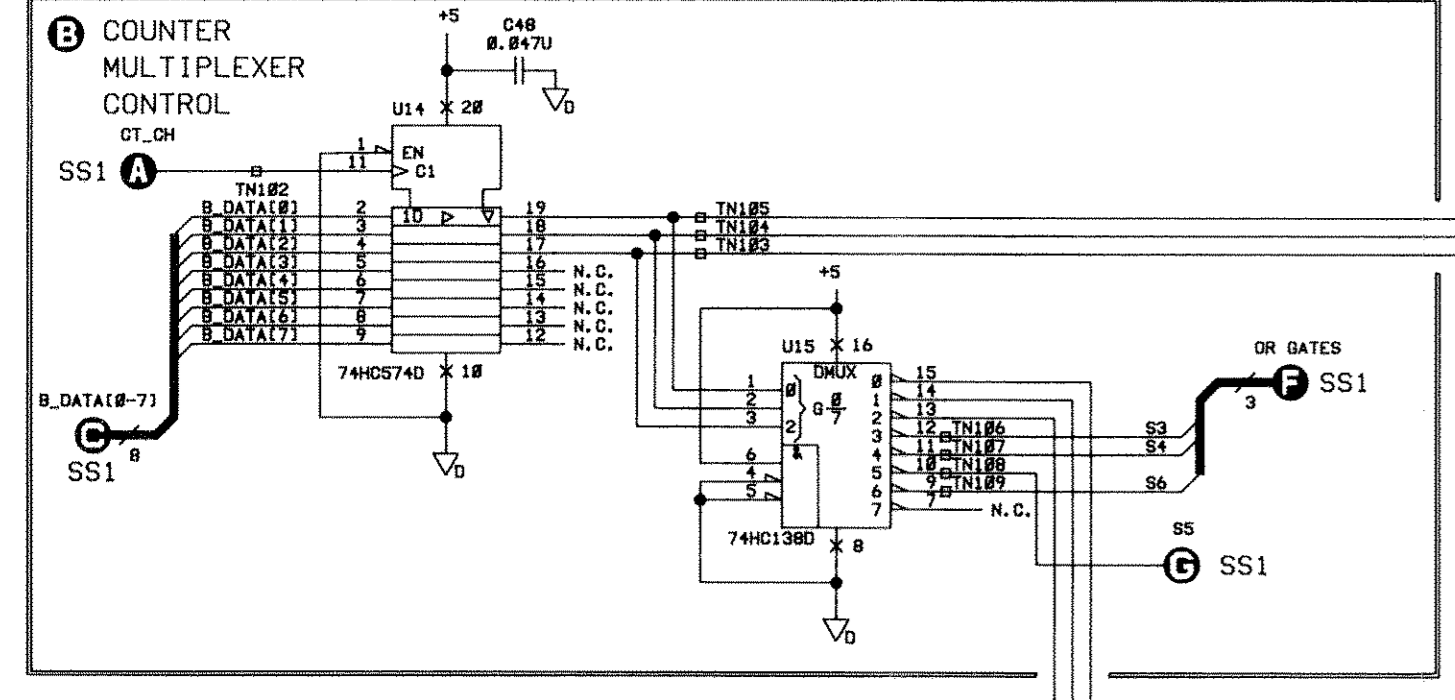
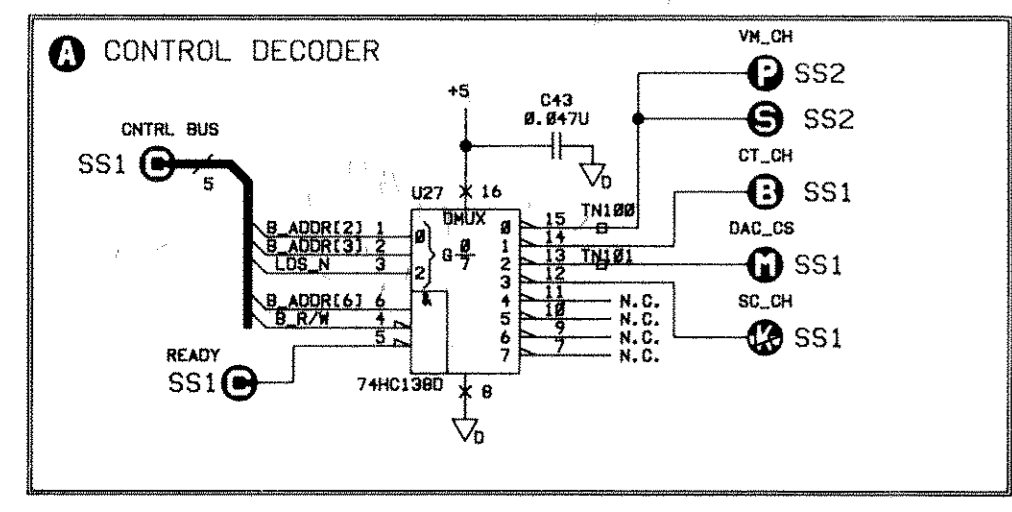
Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A19 (Cont'd)	08920-61836	REF	MEASUREMENT	28480	08920-61836
A19R85	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R87	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A19R88	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A19R89	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A19R90	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A19R103	0699-1403	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	81349	M55342K07R31E6R
A19R110	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R111	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R114	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A19R115	0699-1378	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	81349	M55342K07R2E61R
A19R116	0699-1408	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	81349	M55342K07R51E1R
A19R117	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R118	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R119	0699-1338	1	RESISTOR 511K +-1% .125W TF TC=0+-100	81349	M55342K07R511ER
A19R120	0699-1338	1	RESISTOR 511K +-1% .125W TF TC=0+-100	81349	M55342K07R511ER
A19R121	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R122	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R129	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R130	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R131	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A19R132	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A19R133	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A19R134	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A19R135	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A19R137	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R138	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R139	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R140	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R141	0699-1385	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	81349	M55342K07R5E11R
A19R142	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R143	0699-1447	1	RESISTOR 261K +-1% .125W TF TC=0+-100	81349	M55342K07R261ER
A19R144	0699-1405	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	81349	M55342K07R38E3R
A19R145	0699-1398	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	81349	M55342K07R21E5R
A19R146	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A19R147	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19R148	0699-1361	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	81349	M55342K07R51D1R
A19R149	0699-1425	1	RESISTOR 261 +-1% .125W TF TC=0+-100	81349	M55342K07R261DR
A19R150	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R151	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A19R152	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A19R153	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A19R154	0699-1503	1	RESISTOR 0 OHM	91637	CRCW1206-0000F
A19R155	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A19U1	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01295	TL074CD
A19U2	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A19U3	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	24355	AD7528JP
A19U4	1826-1731	1	IC CONV A/D BIPOLAR 8-BIT	04713	MC10319L
A19U5	1826-1528	1	IC COMP LP QUAD BIPOLAR	27014	LM339M
A19U6	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01295	TL074CD
A19U7	1826-1601	1	IC V RGLTR-V-REF ADJ 2.5/36V 8-P-SOIC	01295	TL431CD

A19 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A19 (Cont'd)	08920-61836	REF	MEASUREMENT	28480	08920-61836
A19U8	1826-1841	1	IC V RGLTR-ADJ-NEG 1.2/37V 8-P-SOIC PKG	27014	LM337LM
A19U9	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A19U10	1818-4107	1	IC 256K SRAM 120-NS CMOS 262144-BITS	33297	UPD43256AGU-12L
A19U11	1820-6512	1	IC GATE-ARY CMOS	28480	1820-6512
A19U12	1820-5731	1	IC MUXR/DATA-SEL CMOS/HC 8-TO-1-LINE	27014	MM74HC251M
A19U13	1820-5562	1	IC GATE CMOS/HC NOR QUAD 2-INP	04713	MC74HC02AD
A19U14	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A19U15	1820-4215	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	18324	74HC138D
A19U16	1820-5562	1	IC GATE CMOS/HC NOR QUAD 2-INP	04713	MC74HC02AD
A19U17	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	27014	MM74HC123AM
A19U18	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	27014	74AC74SC
A19U19	1820-0723	1	IC INTERFACE RCVR BIPOLAR LINE RCVR DUAL	81349	M38510/10401BCB
A19U20	1820-5731	1	IC MUXR/DATA-SEL CMOS/HC 8-TO-1-LINE	27014	MM74HC251M
A19U21	1820-5562	1	IC GATE CMOS/HC NOR QUAD 2-INP	04713	MC74HC02AD
A19U22	1826-2171	1	IC OP AMP LOW-BIAS-H-IMPED QUAD 14 PIN	04713	MC33284D
A19U23	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	27014	LM311M
A19U24	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A19U25	1826-2145	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG413DY
A19U26	1826-2174	1	IC V RGLTR-V-REF-ADJ -10/10V 16-CBRZ PKG	24355	AD588AD
A19U27	1820-4215	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	18324	74HC138D
A19U28	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A19U29	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A19U30	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A19U31	1826-1836	1	ANALOG MULTIPLEXER 8 CHNL 16-P-SOIC	17856	DG508ADY
A19U32	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A19U33	1826-2145	1	ANALOG SWITCH 4 SPST 16-P-SOIC	17856	DG413DY
A19U34	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574WM
A19U37	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A19U38	1826-1644	1	IC OP AMP LOW-NOISE DUAL 8 PIN	04713	TL072BCD
A19VR1	1902-0951	1	DIODE-ZNR 5.1V 5% PD=.4W TC=+.035% DO-35	80131	1N5231B
A19VR2	1902-0943	1	DIODE-ZNR 2.4V 5% PD=.4W TC=-.04% DO-35	28480	1902-0943
A19	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A19	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843



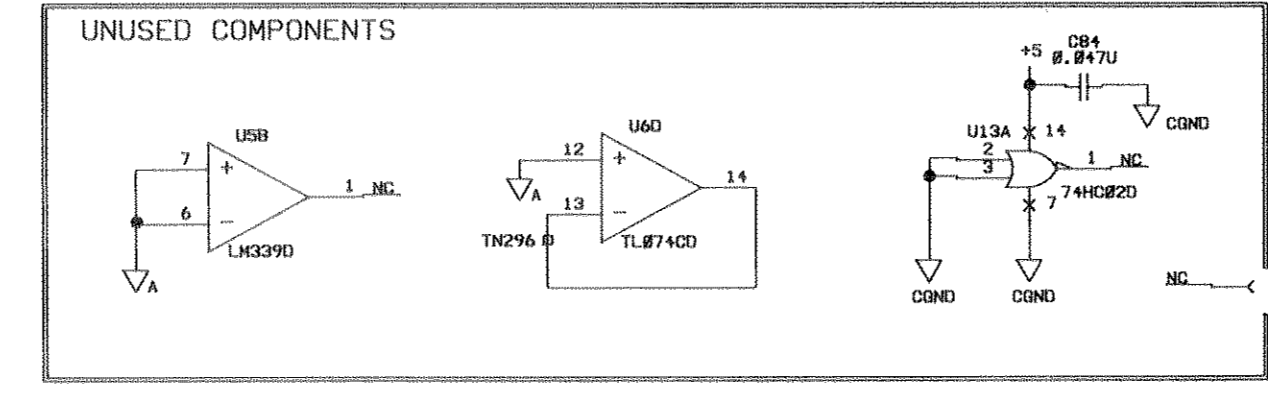
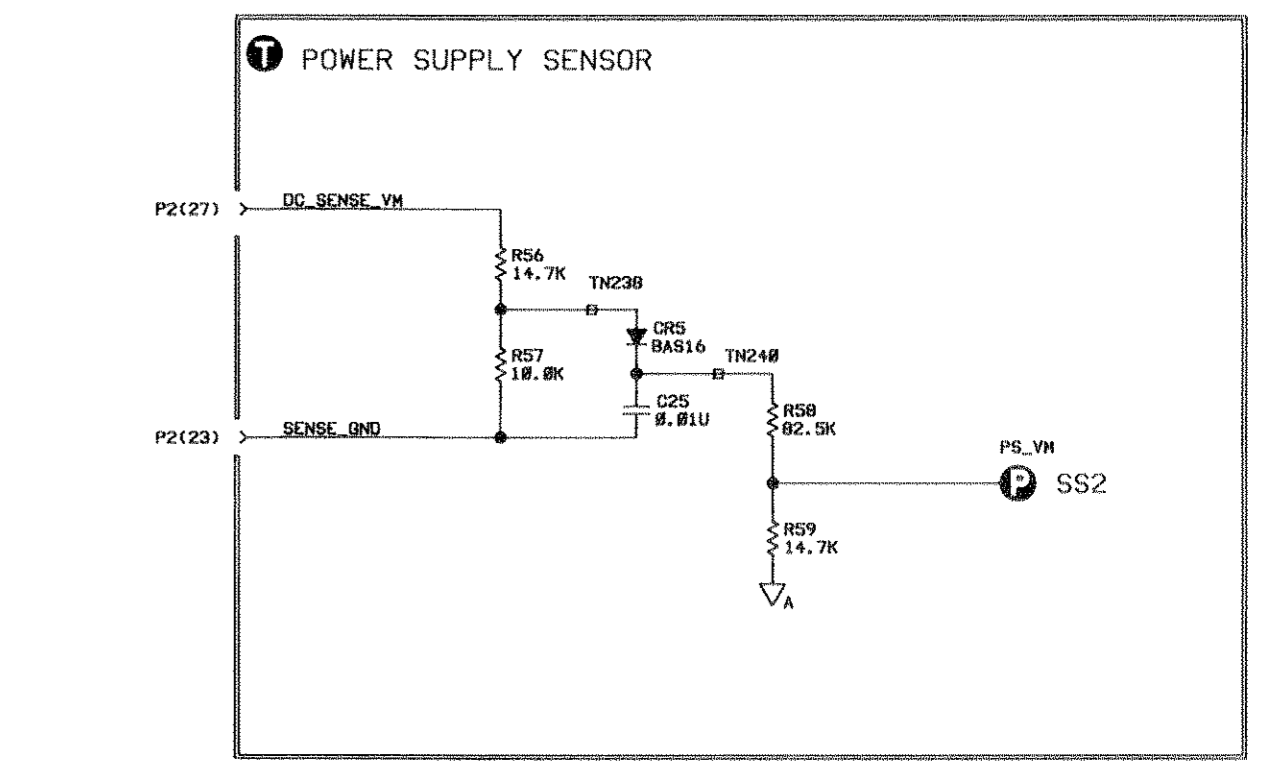
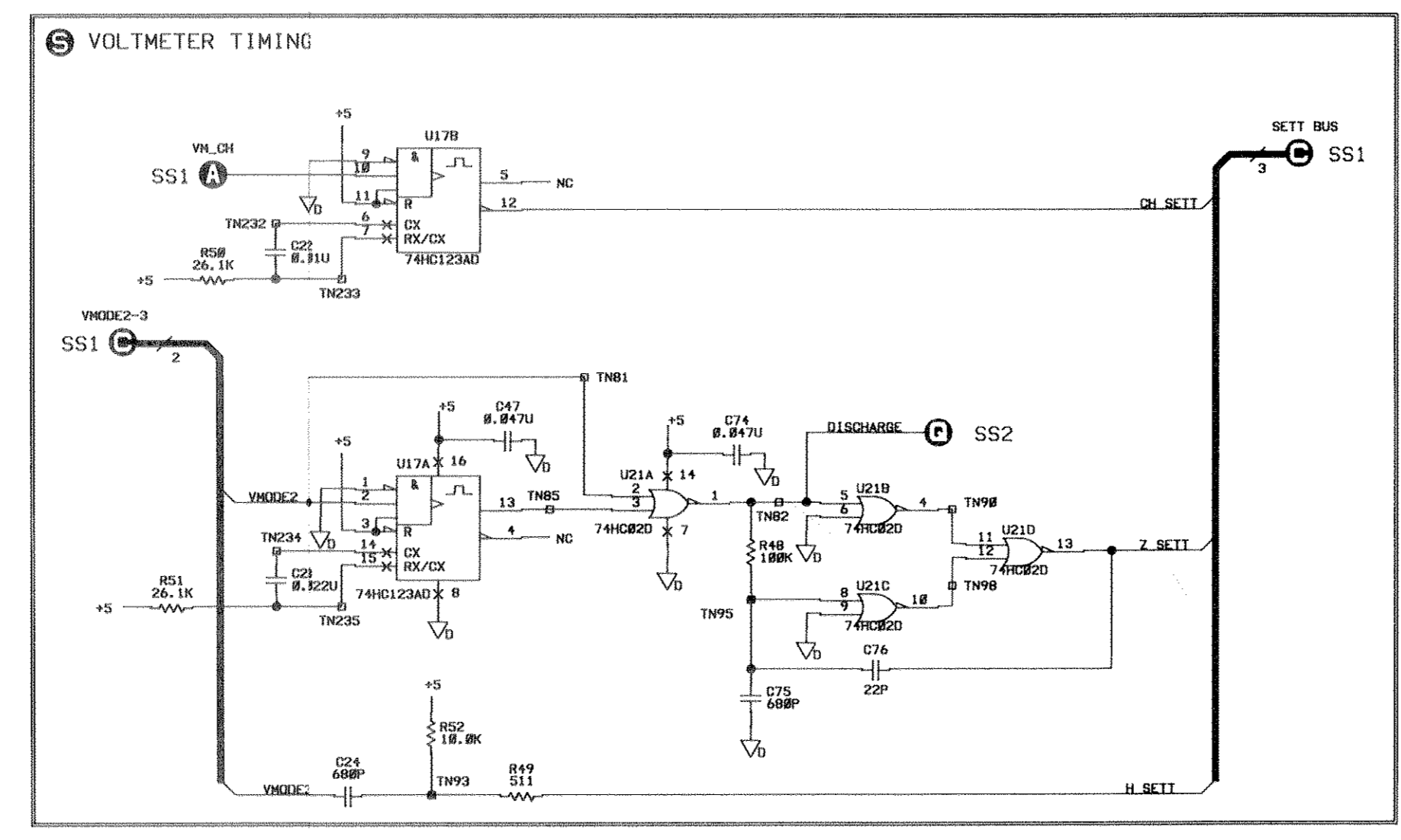
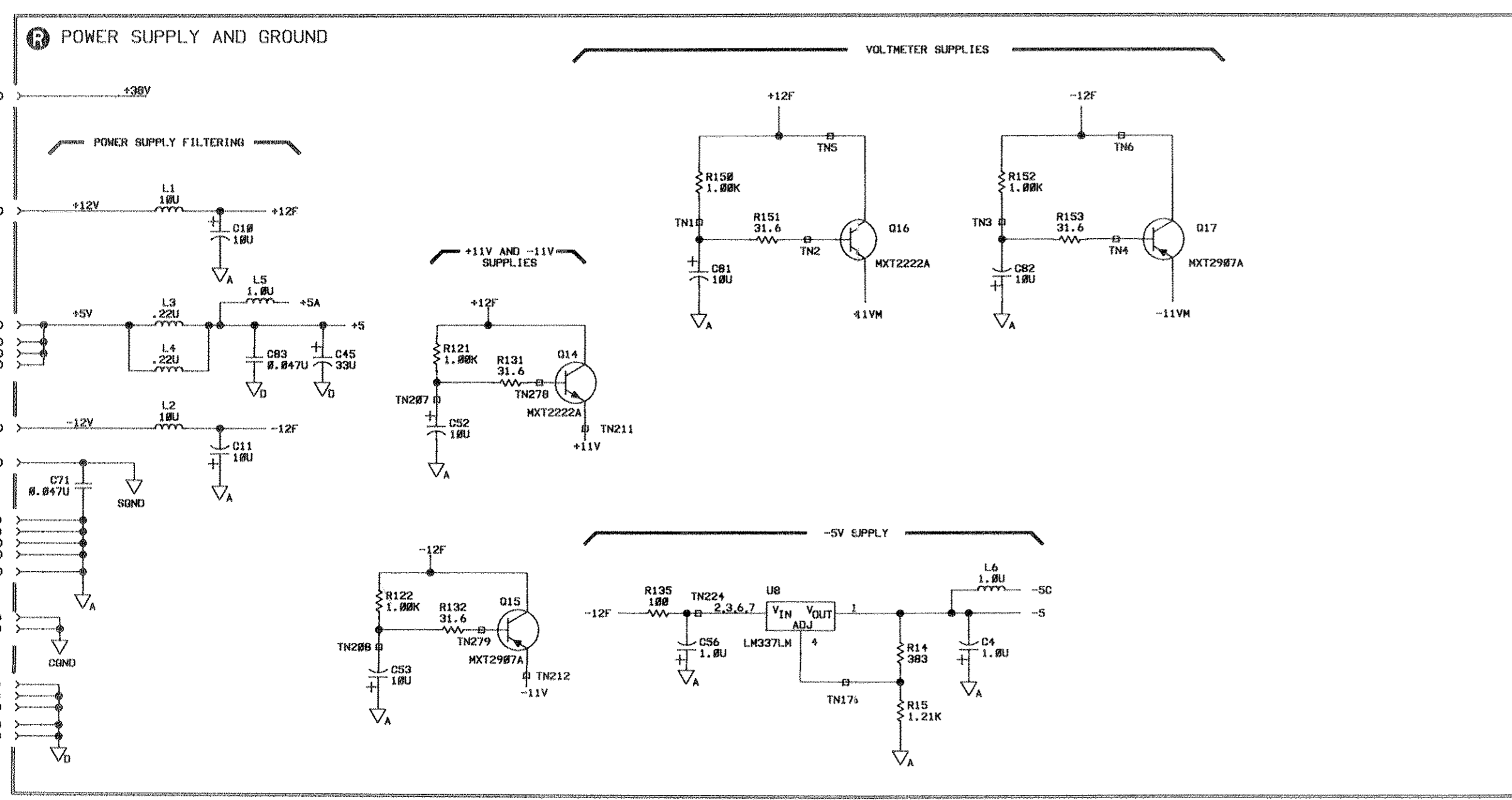
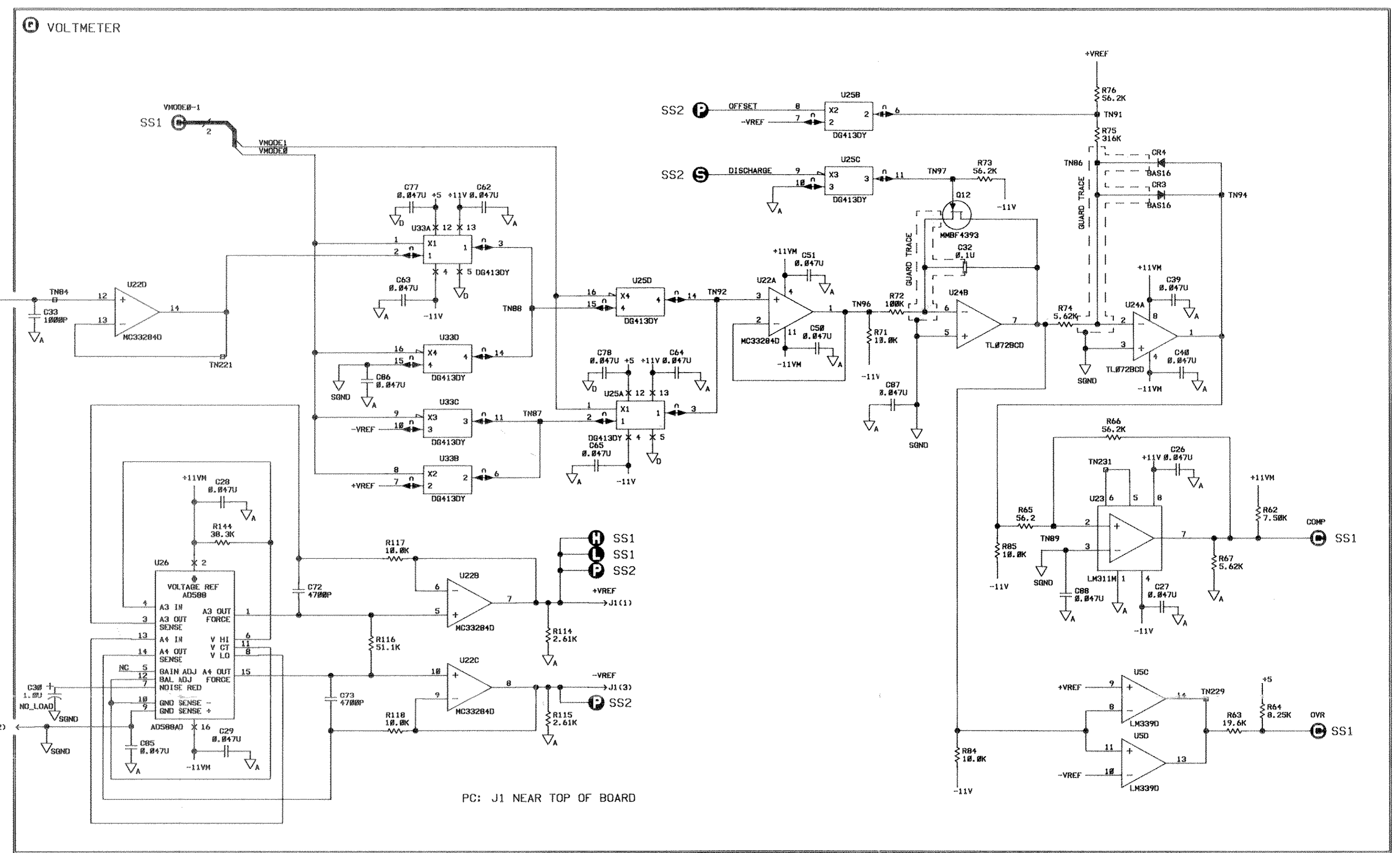
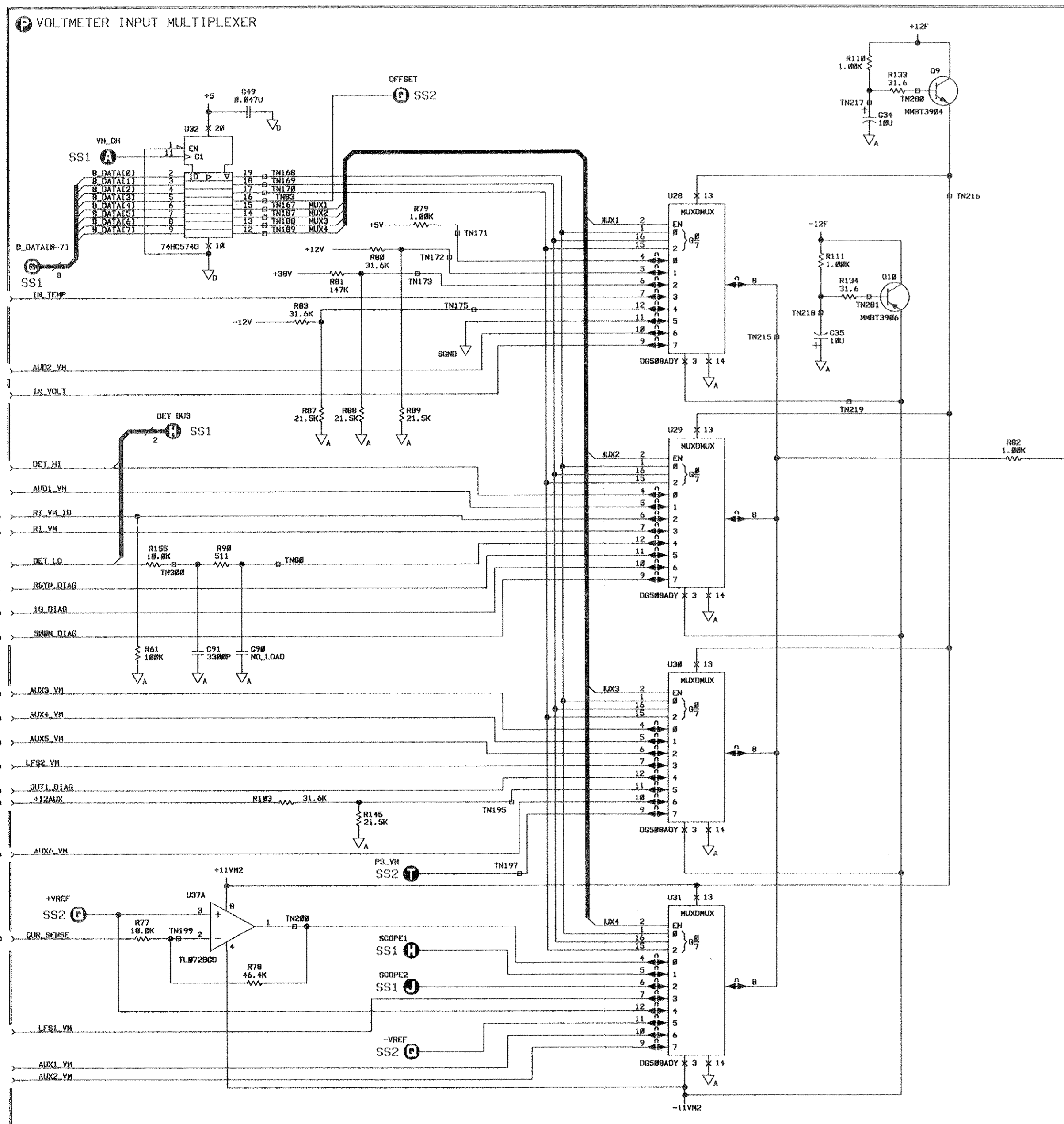
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A	PER PCO 10-7079 CHG R155, C91, NO LOAD C98														
B	CHG U18 P/N PER PCO 10-7313														
C															



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DRAWN BY	10/03/88	DATE	10/03/88	SCHEMATIC TITLE	8920 MEASUREMENT BOARD COUNTER AND SCOPE
ENGINEER		RELEASE TO PROD.	06/27/91	NEXT ASSEMBLY	
SUPSEDES DNG.		FINISH		SCALE	
PART NUMBER					08920-60231
D - 08920 - 60231 - 1					SHEET 1 OF 2

ENGINEER RESPONSIBILITY															REVISED					DATE															
#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	SYN					AS ISSUED PER PCO 10-6622					APPROVED					DATE				
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	A					PER PCO 10-7079 CHG R155,C91,NO LOAD C90					27JUN91									
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	B					CHG U18 P/N PER PCO 10-7313					24MAR92									
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	C										24MAR92									



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DRAWN BY	10/03/88	DATE	8920 MEASUREMENT BOARD	TITLE	VOLTMETER
ENGINEER	10/03/88	DATE	8920 MEASUREMENT BOARD	TITLE	VOLTMETER
RELEASE TO PROD.	06/27/91	DATE	NEXT ASSEMBLY	PART NUMBER	08920-60231
SUPERSEDES DWG.		FINISH	SCALE		D-08920-60231-1

A19

Component-Level Information Packet

A20

DISPLAY PROCESSOR

08920-69124

8920A COMPONENT LEVEL INFORMATION ERRATA

A20 Display Processor

Change title page part number to:
08920-61824

Change A20 to:

A20, 08920-61824, 1, DISPLAY PROCESSOR (New), 28480, 08920-61824
A20, 08920-69124, 1, DISPLAY PROCESSOR (Exchange), 28480, 08920-69124
A20, 08920-60311-1, REF, DISPLAY PROCESSOR SCHEMATIC DIAGRAM
A20, 08920-60311-2, REF, DISPLAY PROCESSOR COMPONENT LOCATOR

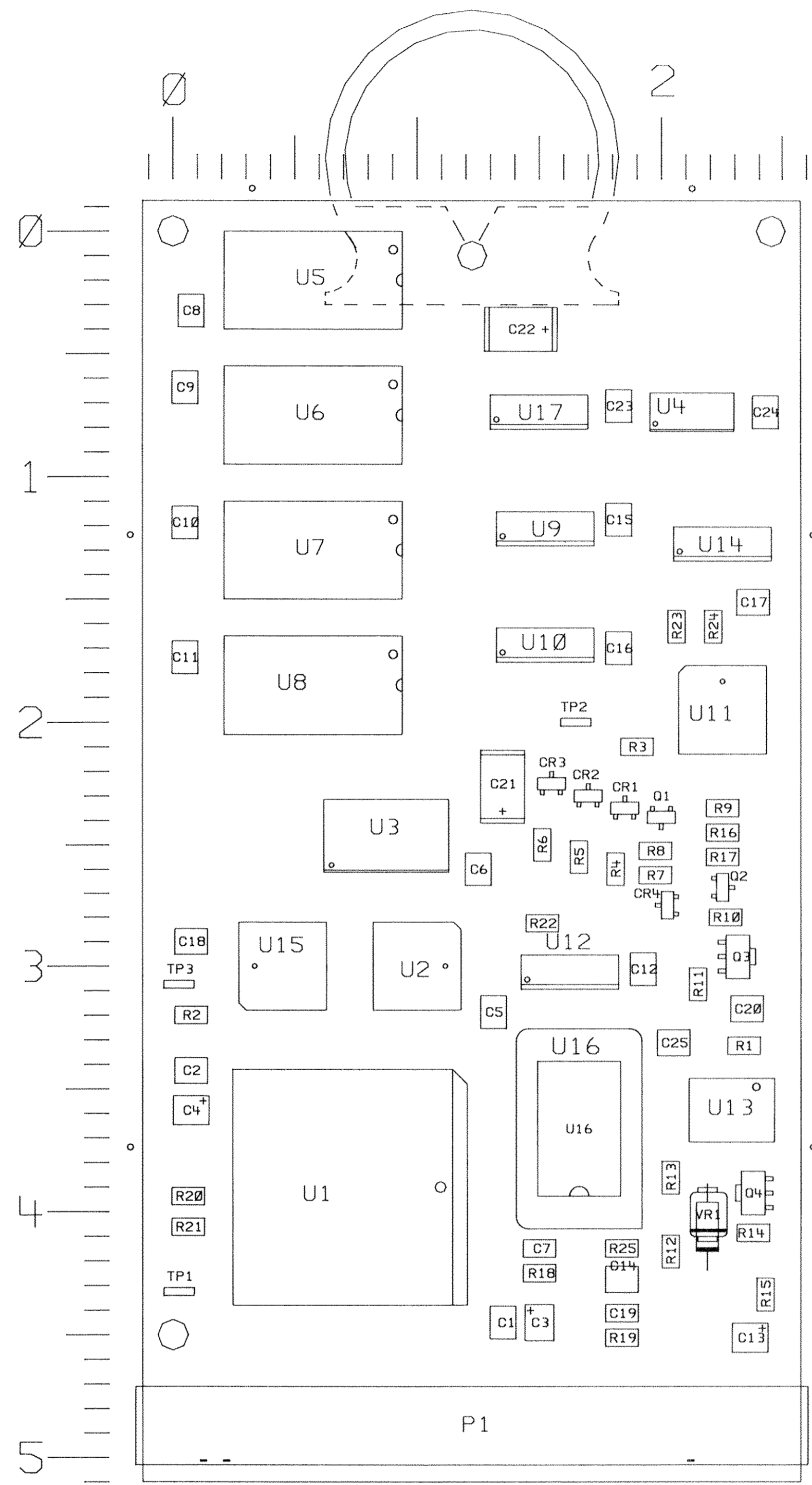
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A20 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A20	08920-69124	1	DISPLAY PROCESSOR (Exchange)	28480	08920-69124
A20	08920-60224-1	REF	DISPLAY PROCESSOR SCHEMATIC DIAGRAM		
A20	08920-60224-2	REF	DISPLAY PROCESSOR COMPONENT LOCATOR		
A20C1	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C2	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C3	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A20C4	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A20C5	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C6	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C7	0160-6096	1	CAP-FXD 470PF +-5% 50V CER COG	81349	CDR32BP471BJWM
A20C8	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C9	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C10	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C11	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C12	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C13	0180-3751	1	CAP-FXD 1UF +-20% 35V TA	33297	NRS105M35R8
A20C14	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C15	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C16	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C17	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C18	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C19	0160-6096	1	CAP-FXD 470PF +-5% 50V CER COG	81349	CDR32BP471BJWM
A20C20	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C21	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A20C22	0180-3753	1	CAP-FXD 6.8UF +-20% 35V TA	33297	NRD685M35R12
A20C23	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20C24	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A20CR1	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A20CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A20CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A20CR4	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A20P1	1251-7986	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	00779	534204-1
A20Q1	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A20Q2	1853-0567	1	TRANSISTOR PNP SI PD=225MW TO-236AB-PKG	04713	MMBT3906
A20Q3	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A20Q4	1854-1094	1	TRANSISTOR NPN SI PD=1W FT=300MHZ	H0002	PXT2222A
A20R1	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A20R2	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A20R3	0699-1382	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	81349	M55342K07R3E83R
A20R4	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A20R5	0699-1380	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	81349	M55342K07R3E16R
A20R6	0699-1437	1	RESISTOR 825 +-1% .125W TF TC=0+-100	81349	M55342K07R825DR
A20R7	0699-1432	1	RESISTOR 511 +-1% .125W TF TC=0+-100	81349	M55342K07R511DR
A20R8	0699-1430	1	RESISTOR 422 +-1% .125W TF TC=0+-100	81349	M55342K07R422DR
A20R9	0699-1372	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	81349	M55342K07R1E47R
A20R10	0699-1435	1	RESISTOR 681 +-1% .125W TF TC=0+-100	81349	M55342K07R681DR
A20R11	0699-1365	1	RESISTOR 75 +-1% .125W TF TC=0+-100	81349	M55342K07R75D0R
A20R12	0699-1448	1	RESISTOR 316K +-1% .125W TF TC=0+-100	81349	M55342K07R316ER

A20 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A20 (Cont'd)	08920-69124	REF	DISPLAY PROCESSOR	28480	08920-69124
A20R13	0699-1400	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	81349	M55342K07R26E1R
A20R14	0699-1330	1	RESISTOR 100K +-1% .125W TF TC=0+-100	81349	M55342K07R100ER
A20R15	0699-1332	1	RESISTOR 196K +-1% .125W TF TC=0+-100	81349	M55342K07R196ER
A20R16	0699-1318	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0699-1318
A20R17	0699-1429	1	RESISTOR 383 +-1% .125W TF TC=0+-100	81349	M55342K07R383DR
A20R18	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A20R19	0699-1415	1	RESISTOR 100 +-1% .125W TF TC=0+-100	81349	M55342K07R100DR
A20R20	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A20R21	0699-1364	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	81349	M55342K07R68D1R
A20R22	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A20R23	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A20R24	0699-1356	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	81349	M55342K07R31D6R
A20R25	0699-1391	1	RESISTOR 10K +-1% .125W TF TC=0+-100	81349	M55342K07R10E0R
A20TP1	0360-2226	1	TERMINAL-TEST POINT 0.150-IN-HIGH	14542	150.100
A20TP2	0360-2226	1	TERMINAL-TEST POINT 0.150-IN-HIGH	14542	150.100
A20TP3	0360-2226	1	TERMINAL-TEST POINT 0.150-IN-HIGH	14542	150.100
A20U1	1820-6081	1	IC 32-BIT GRAPHICS SYSTEM PROCESSOR	01295	TMS34010FNL-50
A20U2	08920-85005	1	IC PROGRAMMED	28480	08920-85005
A20U3	1820-4264	1	IC LCH TTL/ALS TRANSPARENT OCTL	01295	SN74ALS573CDW
A20U4	1820-4282	1	IC GATE TTL/AS NOR QUAD 2-INP	01295	SN74AS02D
A20U5	1818-4791	1	IC 1M RAM 100-NS CMOS VIDEO	01295	ZA4254DZ-10
A20U6	1818-4791	1	IC 1M RAM 100-NS CMOS VIDEO	01295	ZA4254DZ-10
A20U7	1818-4791	1	IC 1M RAM 100-NS CMOS VIDEO	01295	ZA4254DZ-10
A20U8	1818-4791	1	IC 1M RAM 100-NS CMOS VIDEO	01295	ZA4254DZ-10
A20U9	1820-7214	1	IC SHF-RGTR CMOS/HC SYNCHRO	01295	SN74HC166D
A20U10	1820-7214	1	IC SHF-RGTR CMOS/HC SYNCHRO	01295	SN74HC166D
A20U11	08920-85006	1	IC PROGRAMMED	28480	08920-85006
A20U12	1820-5935	1	IC CNTR CMOS/AC BIN UP/DOWN SYNCHRO	27014	74AC169SC
A20U13	1990-1074	1	OPTO-ISOLATOR LED-PXSTR IF=60MA IC/IF=1%	04713	4N35
A20U14	1820-6406	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	18324	74HC191D
A20U15	08920-85007	1	IC PROGRAMMED	28480	08920-85007
A20U16	1813-0799	1	CLK-OSC-XTAL STD 49.83-MHZ 0.01%	61722	SG-615PH-49.83MHZ
A20U17	1820-4261	1	IC MUXR/DATA-SEL TTL/ALS 2-TO-1-LINE	01295	SN74ALS257D
A20VR1	1902-0962	1	DIODE-ZNR 15V 5% PD=.4W TC=+.087% DO-35	28480	1902-0962
A20	5000-9043	1	PIN, EXTRACTOR .062 DIA	28480	5000-9043
A20	5040-6843	1	EXTRACTOR-BOARD BLK	28480	5040-6843



Ø8920-60224

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 10-6627	[Signature]	02JUL91

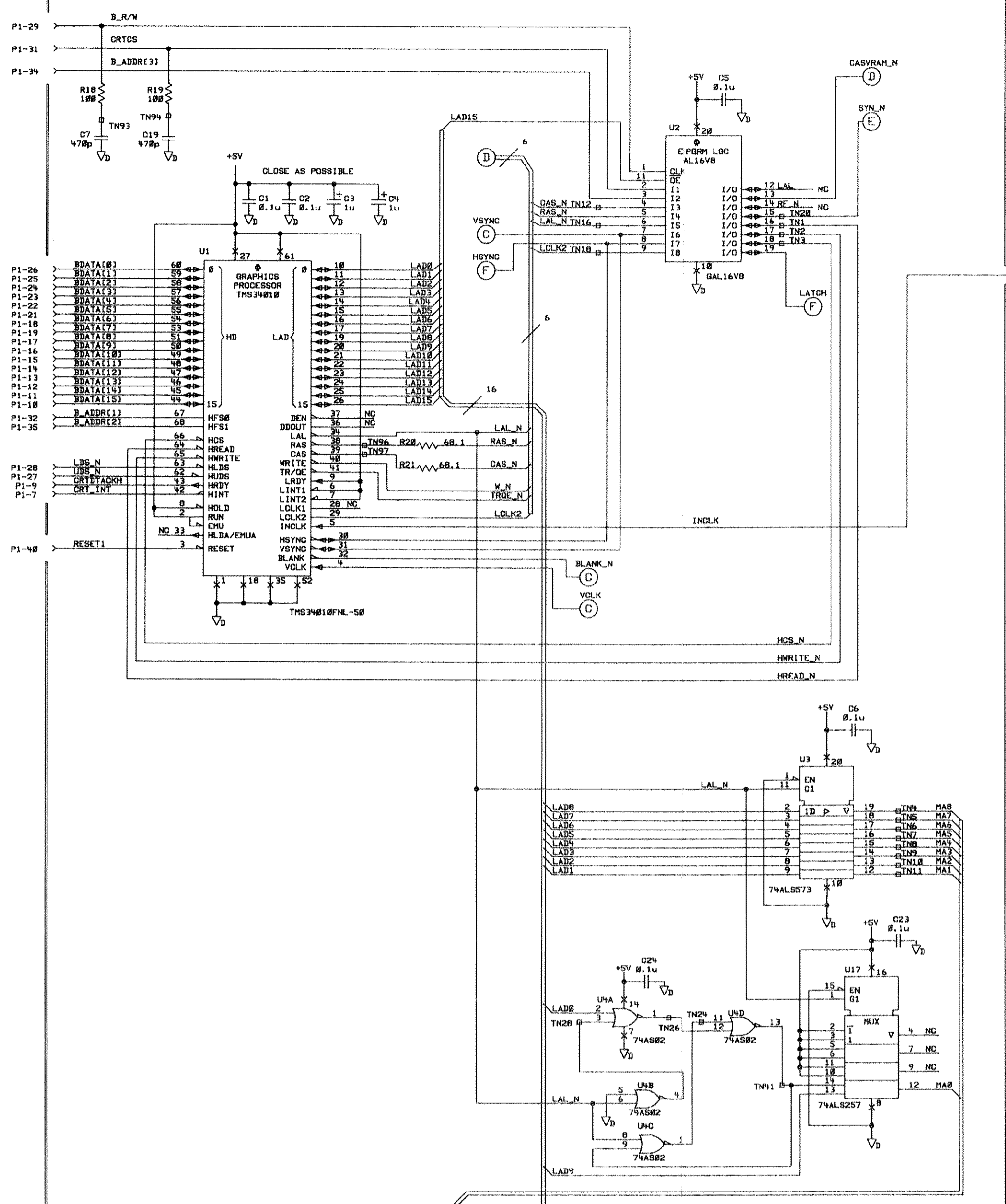
NO LOAD PARTS

REF DES	SHT#	BLOCK
C25	1	B

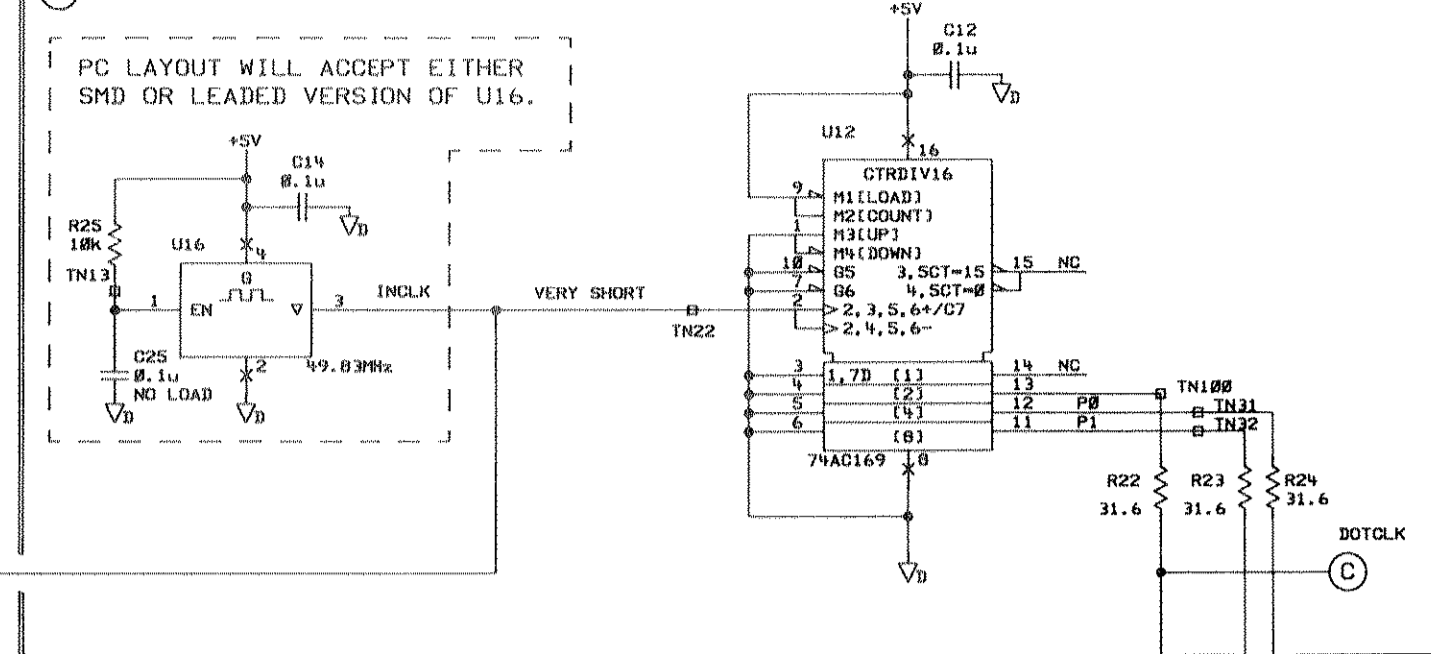
UNUSED COMPONENTS

P1-8	NC
P1-1	NC
P1-2	NC
P1-37	NC
P1-38	NC

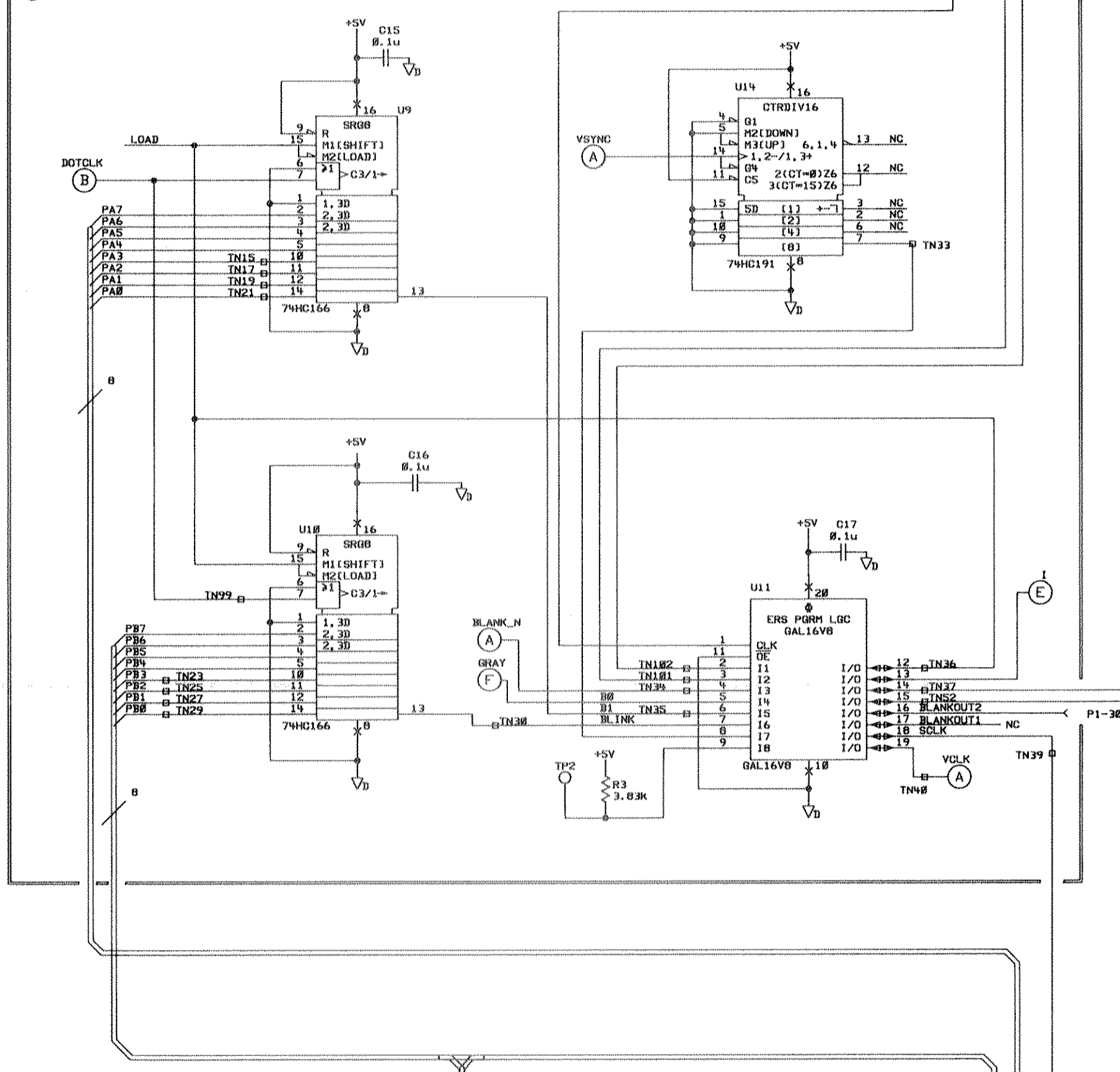
A MICROPROCESSOR AND GLUE LOGIC



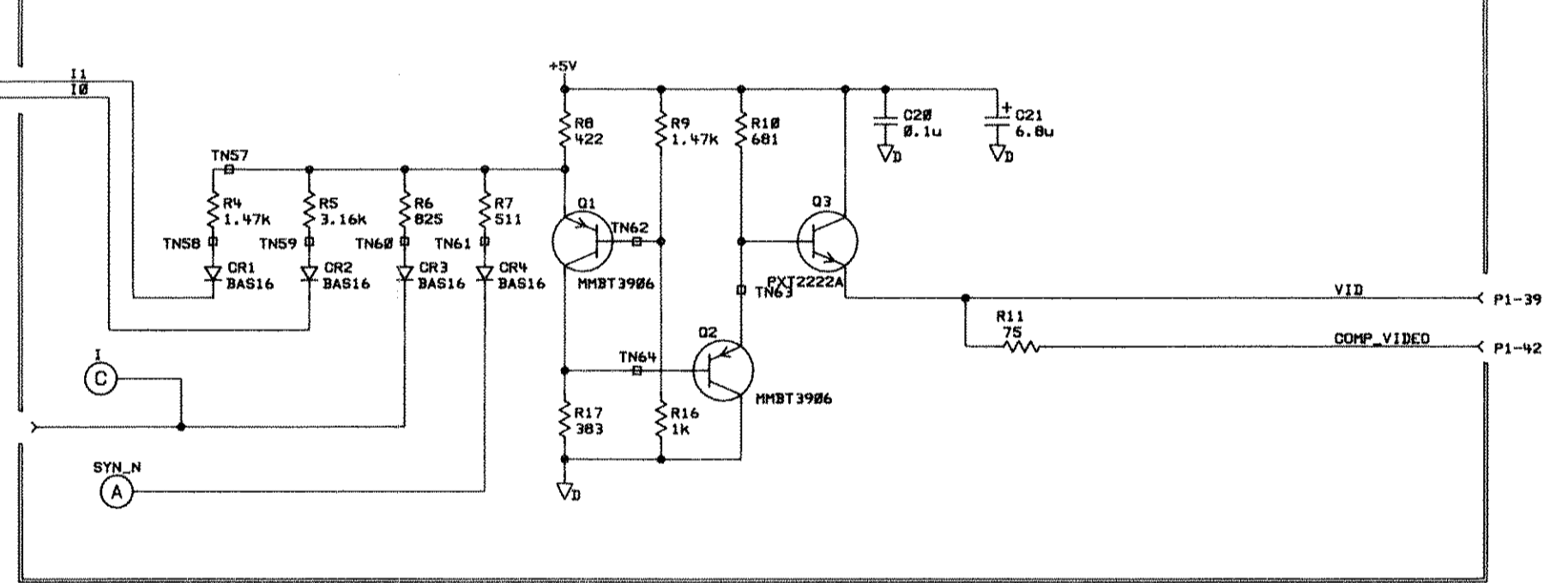
B CLOCK GENERATION



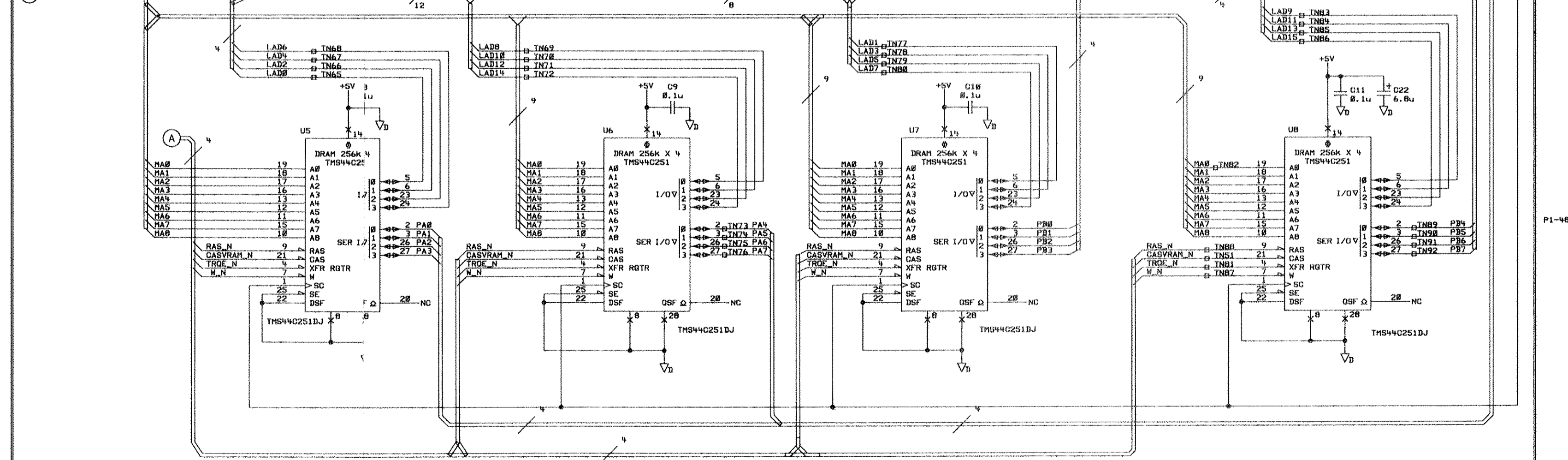
C PIXEL ENCODING



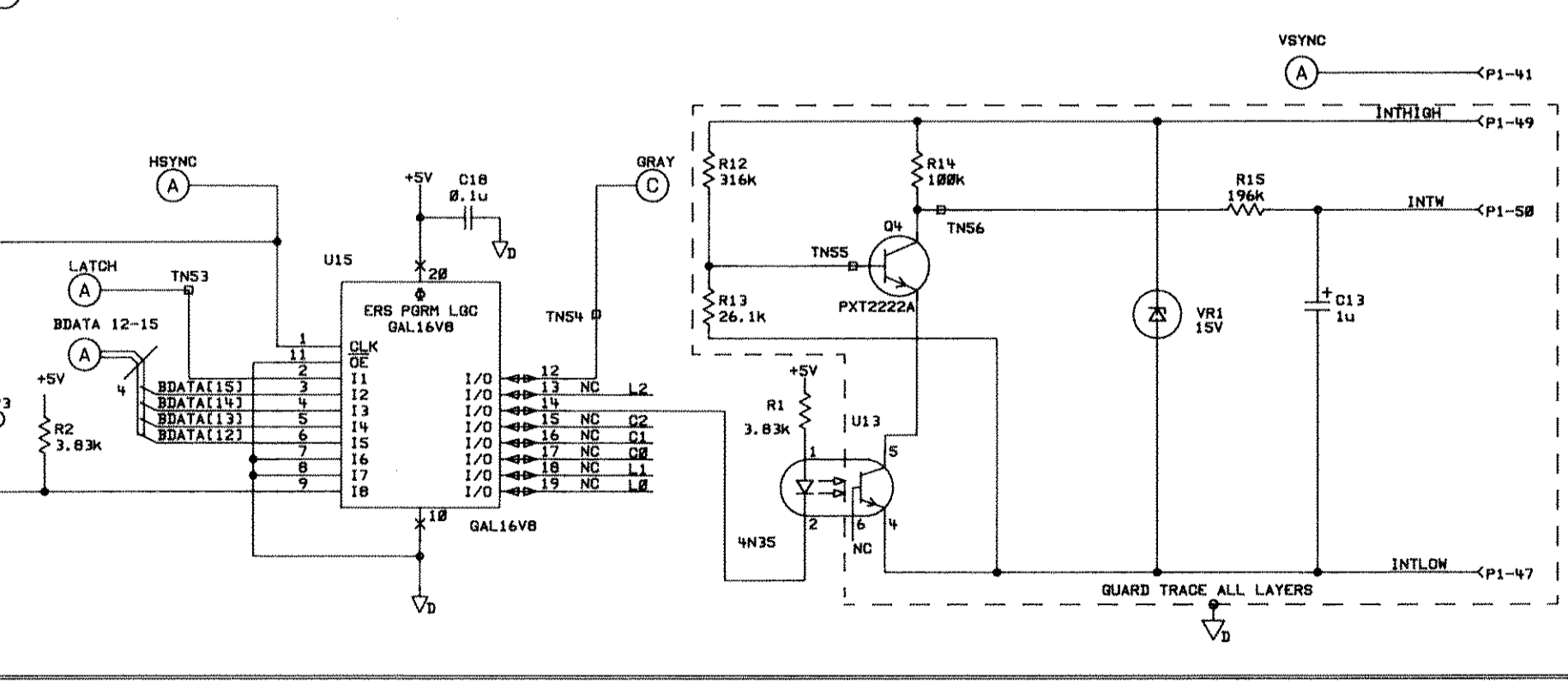
E VIDEO DAC



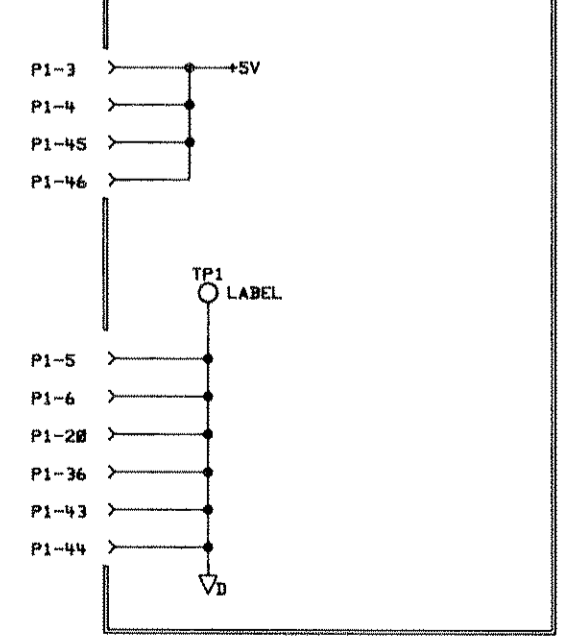
D MEMORY



F BRIGHTNESS CONTROL



GND AND POWER SUPPLY



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DRAWN BY [Redacted]	03MAR88	DATE	03MAR88
ENGINEER/CHECKER [Redacted]	02JUL91	DATE	02JUL91
RELEASE TO PROD.			
SUPersedes DWG.			

SCHEMATIC, PWA
CRT DRIVE A20
TITLE

s1ba1224	FILENAME	[Redacted]
SCALE	NONE	
SHEET 1 OF 1	08920-60224	PART NUMBER
D-08920-60224-1		

Component-Level Information Packet

A21

**HP-IB/RS-232/CURRENT SENSE
(OPTION 003)**

08920-61818

8920A COMPONENT LEVEL INFORMATION ERRATA

A21 HP-IB/RS-232/Current Sense

Add A21U9:

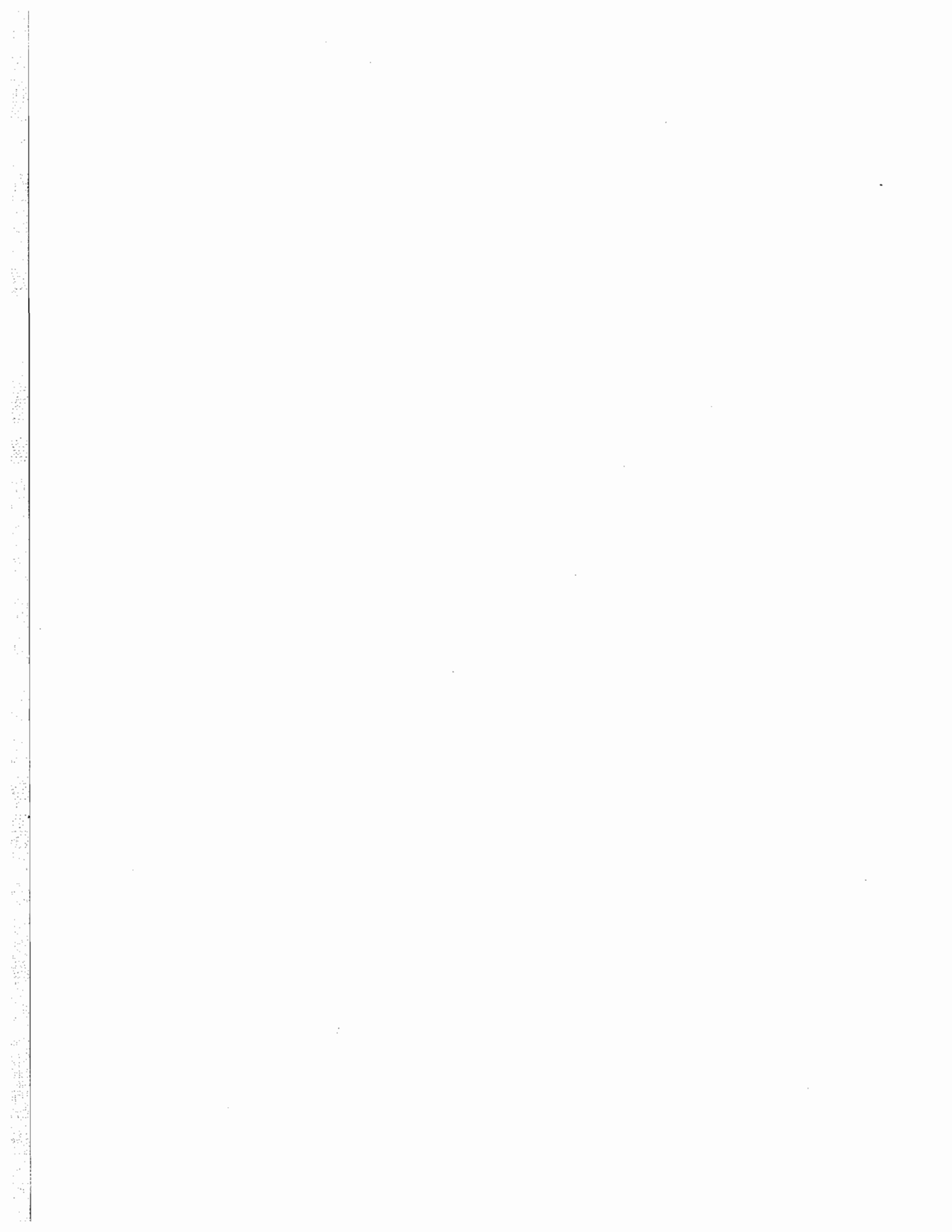
A21U9, 1820-2548, 1, IC-DGTL SPRT NMOS 8-BIT, 01295, TMS9914ANL

Add A21W7:

A21W7, 08920-61018, 1, CA-ELEC, 28480, 08920-61018

Add 0515-0372 to A21:

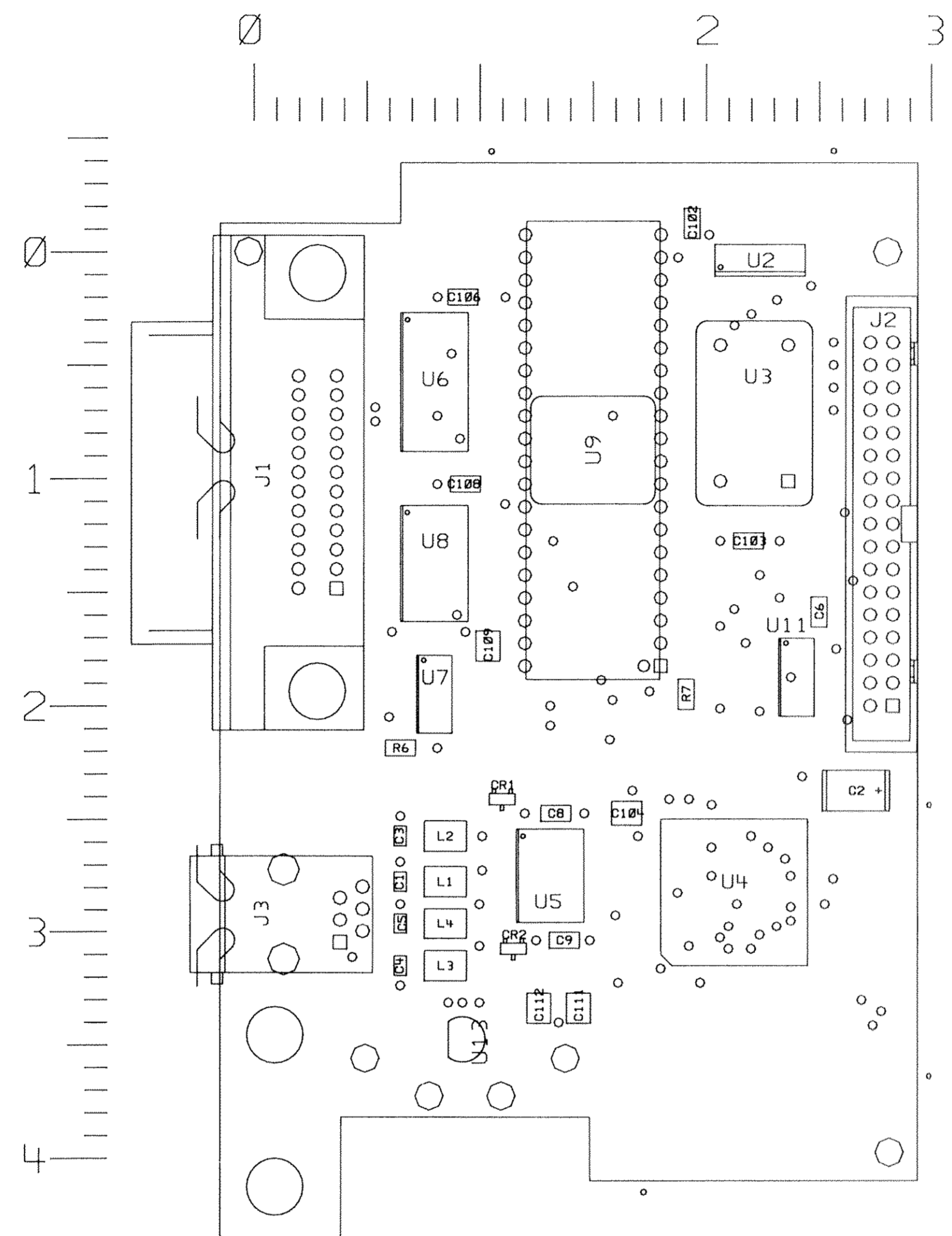
A21, 0515-0372, 3, SCR-MACH ASSY M3X.5 8MM-LG T10 CONE SST, 28480, 0515-0372



A21 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A21	08920-61818	1	HP-IB/RS-232/CURRENT SENSE (New)	28480	08920-61818
A21	08920-69118	1	HP-IB/RS-232/CURRENT SENSE (Exchange)	28480	08920-69118
A21	08920-60218-1	REF	HP-IB/RS-232/CURRENT SENSE SCHEMATIC DIAGRAM		
A21	08920-60218-2	REF	HP-IB/RS-232/CURRENT SENSE COMPONENT LOCATOR		
A21C1	0160-7217	1	CAP-FXD 20PF +-5% 50V CER COG	51406	GRM40C0G200J50VPT
A21C2	0180-3755	1	CAP-FXD 33UF +-20% 10V TA	33297	NRD336M10R12
A21C3	0160-7217	1	CAP-FXD 20PF +-5% 50V CER COG	51406	GRM40C0G200J50VPT
A21C4	0160-7217	1	CAP-FXD 20PF +-5% 50V CER COG	51406	GRM40C0G200J50VPT
A21C5	0160-7217	1	CAP-FXD 20PF +-5% 50V CER COG	51406	GRM40C0G200J50VPT
A21C6	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C8	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C9	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C102	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C103	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C104	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A21C106	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C108	0160-6734	1	CAP-FXD 0.047UF +-10% 50V CER X7R	7J069	C3216X7R1H473K
A21C109	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A21C111	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A21C112	0160-6222	1	CAP-FXD 0.1UF +-10% 50V CER X7R	81349	CDR33BX104AKWM
A21CR1	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A21CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236-PKG	04713	BAS16T1
A21J1	1252-2161	1	CONN-RECT MICRORBN 24-CKT 24-CONT	00779	554923-2
A21J2	1251-8601	1	CONN-POST TYPE .100-PIN-SPCG 34-CONT	76381	2534-6002UB
A21J3	1251-7330	1	MODULAR PHONE RCPT RIGHT-ANGLE PC-MOUNT	00779	520250-3
A21L1	9140-1423	1	INDUCTOR 270UH +-5% Q=40 SRF=4MHZ	7J069	NL453232-271J
A21L2	9140-1423	1	INDUCTOR 270UH +-5% Q=40 SRF=4MHZ	7J069	NL453232-271J
A21L3	9140-1423	1	INDUCTOR 270UH +-5% Q=40 SRF=4MHZ	7J069	NL453232-271J
A21L4	9140-1423	1	INDUCTOR 270UH +-5% Q=40 SRF=4MHZ	7J069	NL453232-271J
A21R6	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A21R7	0699-1387	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	81349	M55342K07R6E81R
A21U2	1820-5934	1	IC DCDR CMOS/AC BIN 8-TO-1-LINE	27014	74AC138SC
A21U3	1813-0462	1	CLK-OSC-XTAL STD 3.6864-MHZ 0.01%	00815	HS-100-3.6864MHZ
A21U4	1820-5214	1	IC DUAL ASYNCHRONOUS RX/TX (UART), PLCC	04713	MC68681FN
A21U5	1820-5274	1	IC INTERFACE SER-XXMTR/RCVR CMOS	04713	MC145406DW
A21U6	1820-6175	1	IC INTERFACE XCVR BIPOLAR BUS OCTL	01295	SN75ALS162DW
A21U7	1820-4247	1	IC GATE TTL/ALS OR QUAD 2-INP	01295	SN74ALS32D
A21U8	1820-6176	1	IC INTERFACE XCVR BIPOLAR BUS OCTL	01295	SN75ALS160DW
A21U9	1820-2551	1	IC INTERFACE NMOS BUS ADAPTER CAUTION: Static Sensitive	01295	TMS9914AJDL
A21U11	1820-4245	1	IC GATE TTL/ALS NOR QUAD 2-INP	01295	SN74ALS02D
A21U13	1826-2390	1	IC HALL EFT SNSR 3 PIN TO-226AA	01295	TL173CLP
A21	0515-2126	2	SCREW-MACH M3 X 0.5 6MM-LG	28480	0515-2126
A21	08920-00051	1	BRACKET, ANGLE	28480	08920-00051
A21	08920-80032	4	REACTOR	28480	08920-80032
A21	1251-0463	2	JACK-BANANA SGL BLK SLDR-EYE-TERM	74970	108-0903-001
A21	1251-5595	2	POLARIZING KEY-POST CONN	53387	3518



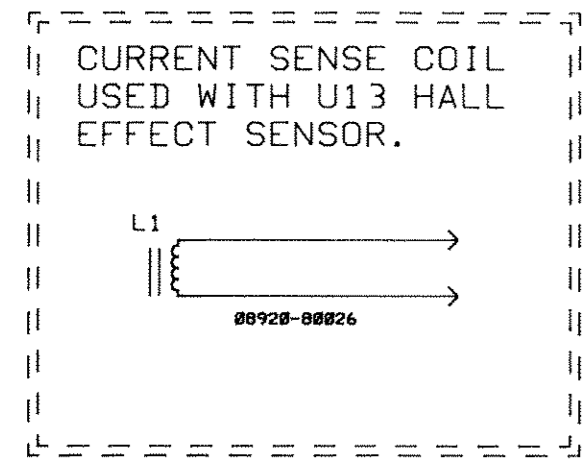


08920-60218

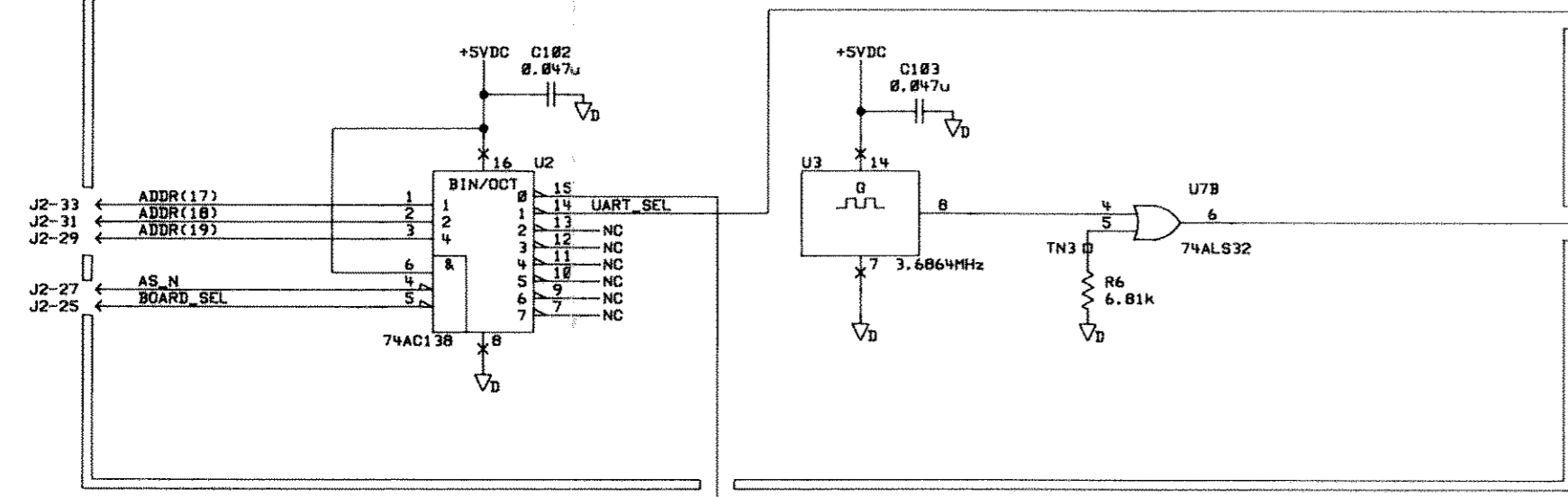
THESE PARTS NOT LOADED ON THE 08922-60159

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED		28MAY91

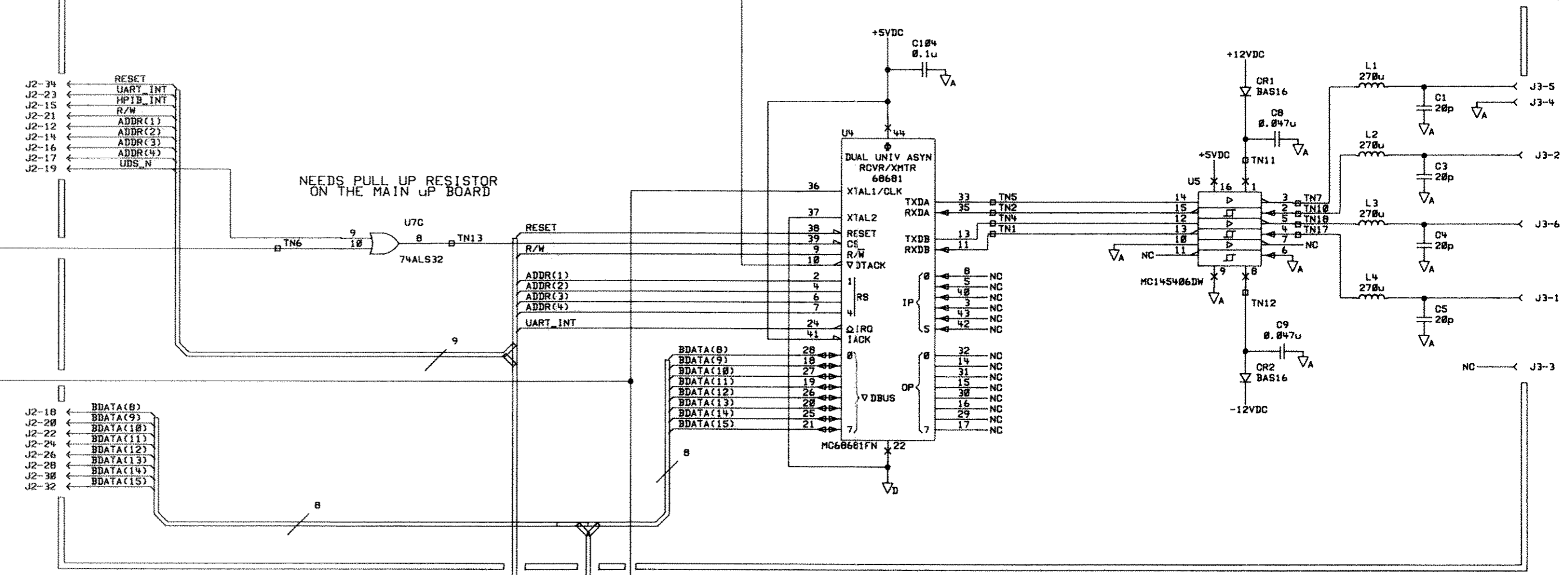
(B) CURRENT SENSE



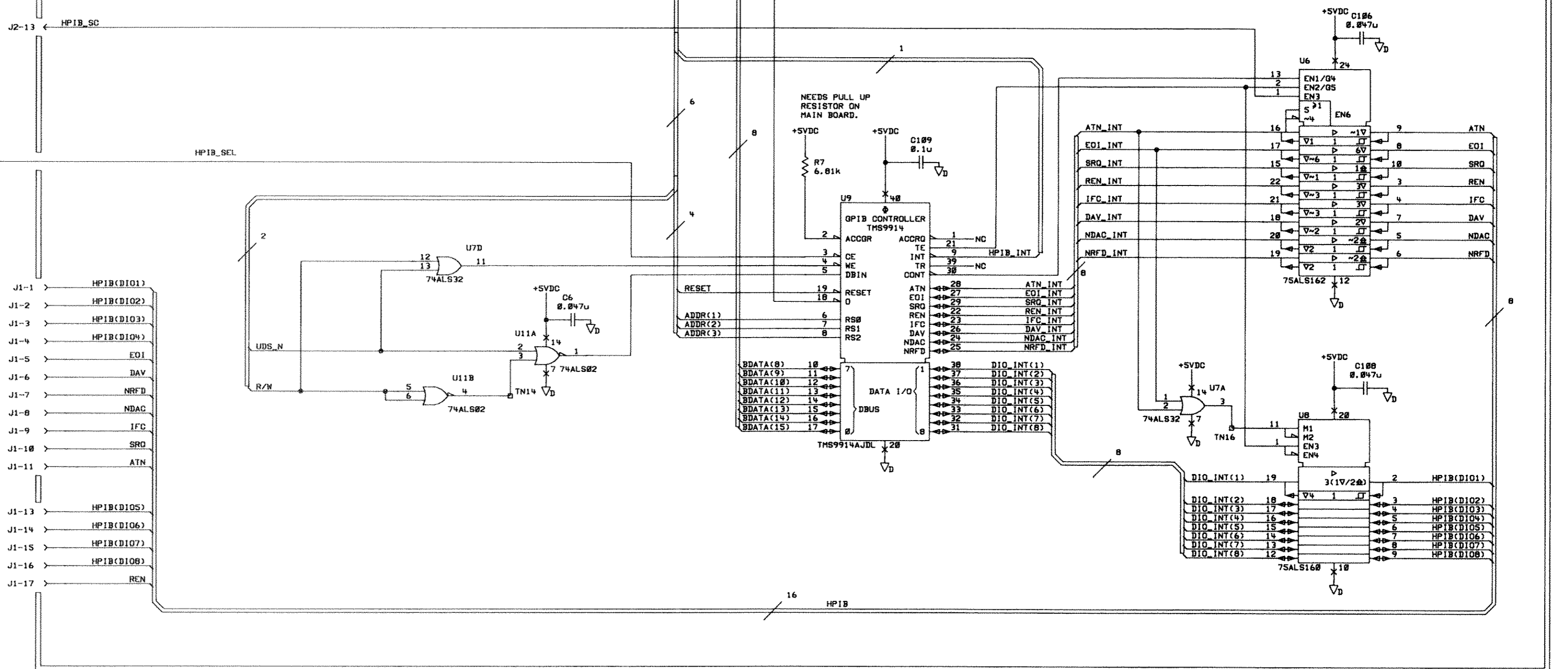
(D) ADDRESS DECODE AND CLOCK



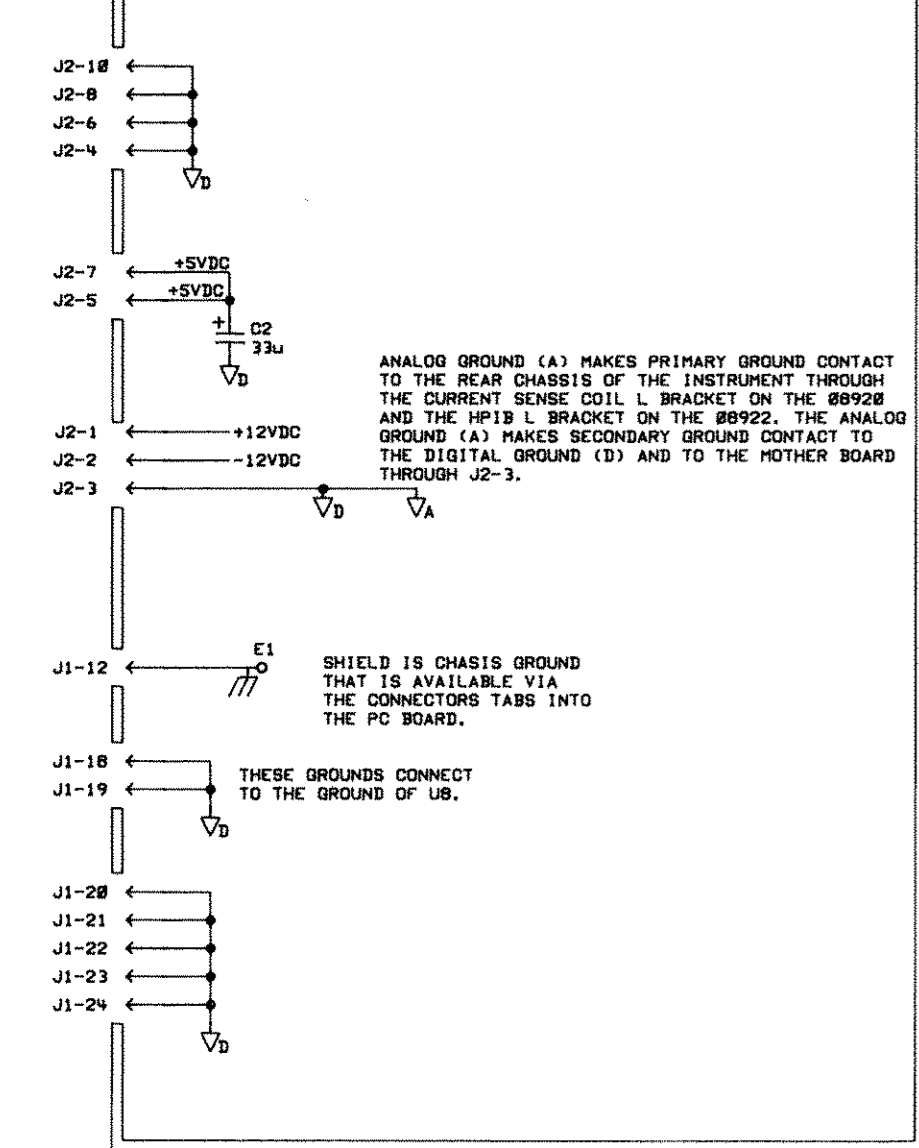
(E) RS-232



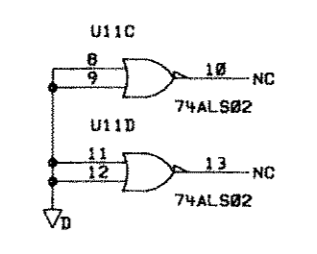
(C) HP-1B



(A) POWER SUPPLY/GROUND



UNUSED COMPONENTS



NOTE: THE 08922-60159 BOARD USES THIS BOARD BLANK

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DRAWN BY	11DEC87	SCHEMATIC, PWA CONTROLLER INTERFACE	s1ba1218 FILENAME
ENGINEER/CHECKER	11DEC87		
RELEASE TO PROD.	28MAY91	A21	SCALE 1 of 1 SHEET 1 of 1 D-08920-60218-1
SUPERSEDES DWG.			

Component-Level Information Packet

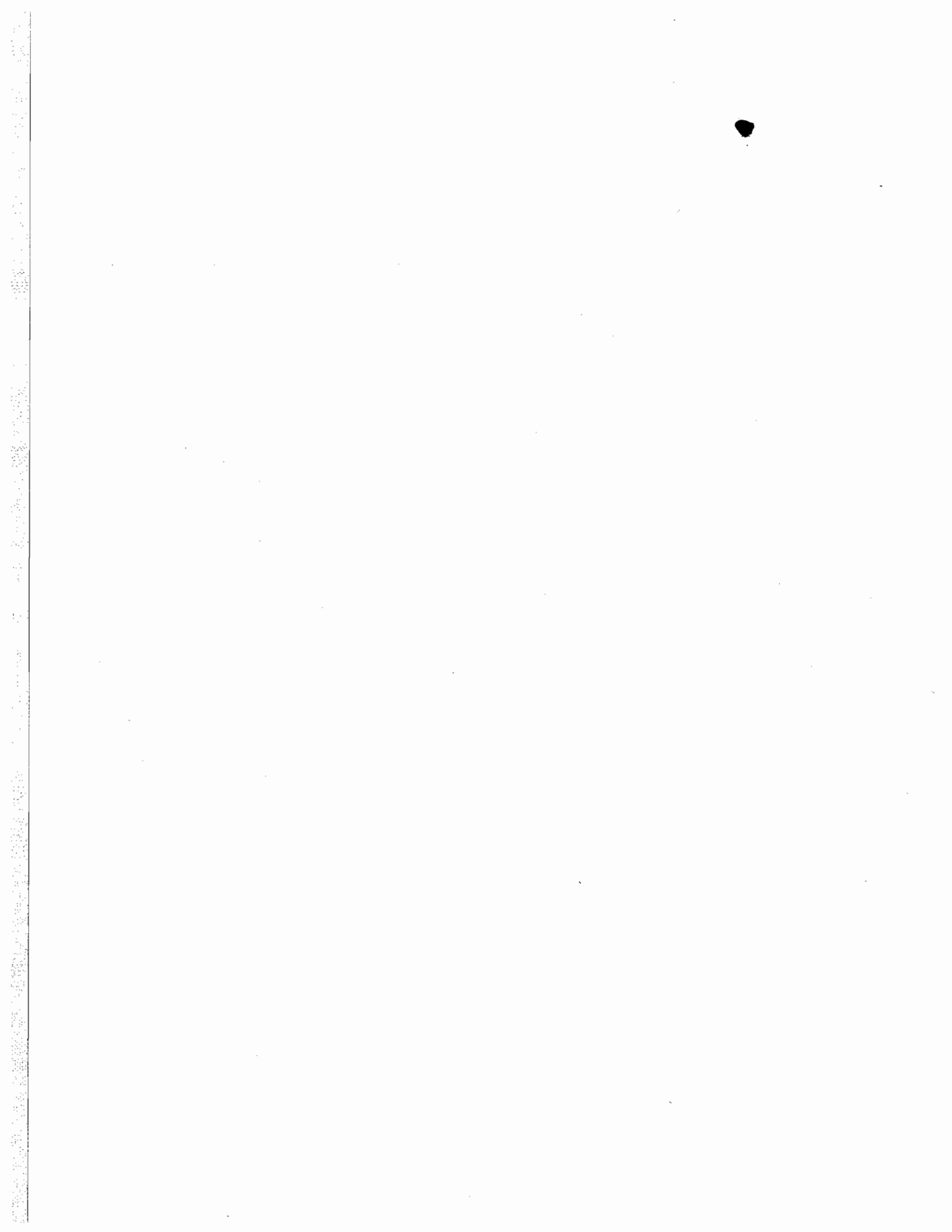
A22

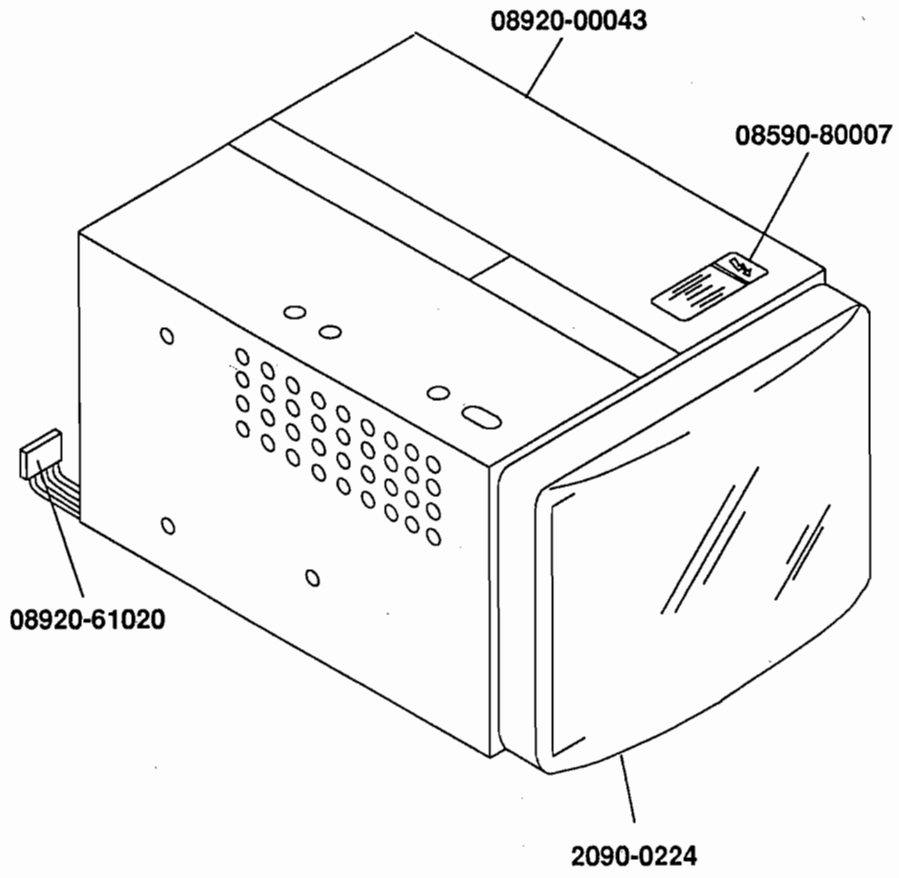
DISPLAY

08920-61005

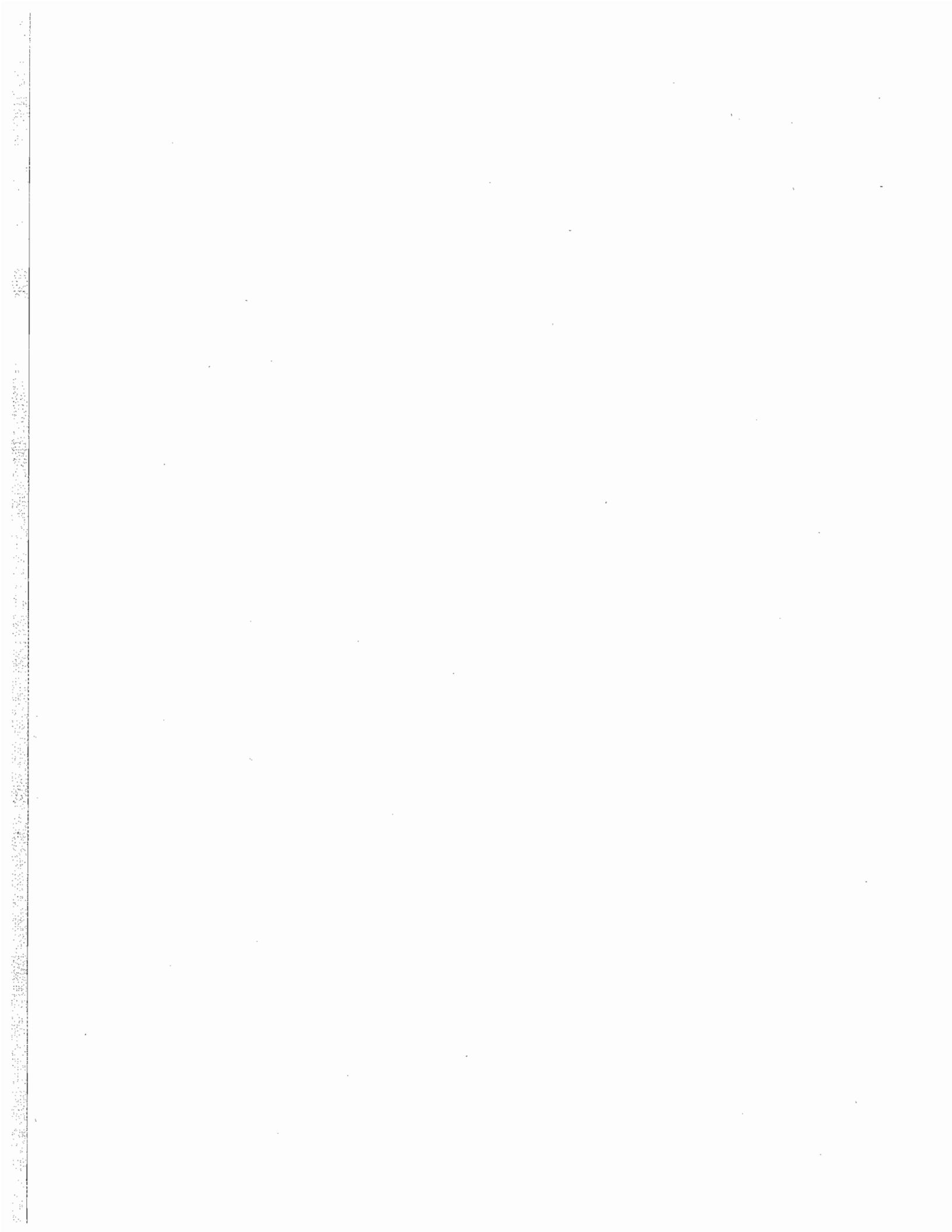
A22 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A22	08920-61005	1	DISPLAY (New)	28480	08920-61005
A22A1	2090-0224	1	DISPLAY-CRT 9 IN	28480	2090-0224
A22W1	08920-61020	1	CABLE ASSY, ELECTRICAL	28480	08920-61020
A22	08590-80007	1	PLATE, INSTRUCTION	28480	08590-80007
A22	08920-00043	1	SHIELD, CATHODE RAY TUBE	28480	08920-00043





A22 DISPLAY COMPONENT LOCATOR



Component-Level Information Packet


A23

INPUT SECTION





























08920-61099 Mechanical Input

A23A1

































08920-60183 rev 101: Engineering Bill of Materials



























































Mar 2, 2006 1:53:13 PM






























 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	CR341, CR343, CR344, CR345, CR346	Initial Load	 0122-0175	100	Item	DIODE-VVC 1.8PF 10pct C 1/C28-TYP=9.7	Release	5.0	Each	
N/A	C2, C4	Initial Load	 0160-5951	100	Item	CAP-FXD 390pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C328, C330, C337, C341	Initial Load	 0160-5962	100	Item	CAP-FXD 15pF +-5pct 50 V CER COG	Release	4.0	Each	
N/A	C334, C336	Initial Load	 0160-5963	100	Item	CAP-FXD 18pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C352, C354	Initial Load	 0160-5971	100	Item	CAP-FXD 4.7pF +-10.64pct 50 V CER COG	Release	2.0	Each	
N/A	C319, C320	Initial Load	 0160-5972	100	Item	CAP-FXD 5.6pF 50 V CER COG	Release	2.0	Each	
N/A	C322, C323, C332, C335, C339, C342	Initial Load	 0160-5975	100	Item	CAP-FXD 10pF +-5pct 50 V CER COG	Release	6.0	Each	
N/A	C215, C386	Initial Load	 0160-6097	100	Item	CAP-FXD 560pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C1, C3, C331, C348, C358	Initial Load	 0160-6099	100	Item	CAP-FXD 820pF +-5pct 50 V CER COG	Release	5.0	Each	
N/A	C333, C368, C385, C387, C5	Initial Load	 0160-6100	101	Item	CAP-FXD 1000pF +-5pct 50 V CER COG	Release	5.0	Each	
N/A	C237, C329, C340, C344, C359, C361	Initial Load	 0160-6104	100	Item	CAP-FXD 2200pF +-5pct 50 V CER COG	Release	6.0	Each	
N/A	C100, C101, C104, C105, C106, C107, C112, C115, C116, C200, C201, C207, C209, C213, C214, C216, C300, C301, C302, C303, C305, C307, C309, C311, C313, C321, C338, C346, C350, C362, C367, C370, C372, C374, C375, C377, C383, C384, C393, C402, C403	Initial Load	 0160-6222	100	Item	CAP-FXD 0.1uF +-10pct 50 V CER X7R	Release	41.0	Each	
N/A	C6	Initial Load	 0160-6734	100	Item	CAP-FXD 0.047uF +- 10pct 50 V CER	Release	1.0	Each	


































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


X7R										
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	C316, C318, C347, C356, C360, C364, C365, C371, C376	Initial Load	 0160-6735	100	Item	CAP-FXD 4700pF +-10pct 50 V CER X7R	Release	9.0	Each	
N/A	C203, C315, C317, C401	Initial Load	 0160-6736	100	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	4.0	Each	
N/A	C325	Initial Load	 0160-7371	100	Item	CAP-FXD 5pF +- .25pF 50 V CER C0G	Release	1.0	Each	
N/A	C113, C202, C204, C205, C314, C363, C373, C380, C381, C9109	Initial Load	 0160-7575	100	Item	CAP-FXD 0.22uF +-10pct 50 V CER X7R	Release	10.0	Each	
N/A	C110, C208	Initial Load	 0160-8091	100	Item	CAP-FXD 0.22uF +-5pct 25 V CER X7R	Release	2.0	Each	
N/A	C108	Initial Load	 0180-3751	103	Item	CAP-FXD 1uF +-20PCT 35V TA	Release	1.0	Each	
N/A	C109, C379	Initial Load	 0180-4287	102	Item	CAP-FXD 10uF +-20PCT 35V TA	Release	2.0	Each	
N/A	K1, K10, K11, K12, K2, K3, K4, K5, K6, K7, K8, K9	Initial Load	 0490-1653	100	Item	RELAY 2C 12VDC-COIL 1A 28VDC	Release	12.0	Each	
N/A	R130, R132, R363, R365, R366, R367, R378	Initial Load	 0699-1318	100	Item	RESISTOR 1K +-1pct .125W TKF TC=0+-100	Release	7.0	Each	
N/A	R385, R398, R402	Initial Load	 0699-1319	100	Item	RESISTOR 12.1K +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R255	Initial Load	 0699-1322	100	Item	RESISTOR 68.1K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R16, R37	Initial Load	 0699-1330	100	Item	RESISTOR 100K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R153	Initial Load	 0699-1332	100	Item	RESISTOR 196K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R137, R138, R241	Initial Load	 0699-1344	100	Item	RESISTOR 10 +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R200, R201, R202, R203, R204, R205, R207, R208, R210, R237, R239, R267	Initial Load	 0699-1346	100	Item	RESISTOR 12.1 +-1pct .125W TKF TC=0+-100	Release	12.0	Each	
RESISTOR 14.7										














N/A	R206, R209, R211, R214	Initial Load	 0699- 1348	100	Item	+ -1pct .125W TKF TC=0+- 100	Release	4.0	Each	
N/A	R8127	Initial Load	 0699- 1349	100	Item	RESISTOR 16.2 + -1pct .125W TKF TC=0+- 100	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R274	Initial Load	 0699- 1350	100	Item	RESISTOR 17.8 + -1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R212, R213	Initial Load	 0699- 1351	100	Item	RESISTOR 19.6 + -1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R215, R216, R217, R219, R220	Initial Load	 0699- 1352	100	Item	RESISTOR 21.5 + -1pct .125W TKF TC=0+- 100	Release	5.0	Each	
N/A	R218, R253	Initial Load	 0699- 1353	100	Item	RESISTOR 23.7 + -1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R309	Initial Load	 0699- 1355	100	Item	RESISTOR 28.7 + -1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R228	Initial Load	 0699- 1357	100	Item	RESISTOR 34.8 + -1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R319, R329	Initial Load	 0699- 1358	100	Item	RESISTOR 38.3 + -1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R106, R108	Initial Load	 0699- 1359	100	Item	RESISTOR 42.2 + -1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R397	Initial Load	 0699- 1360	100	Item	RESISTOR 46.4 + -1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R140, R396	Initial Load	 0699- 1361	100	Item	RESISTOR 51.1 + -1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R256	Initial Load	 0699- 1362	100	Item	RESISTOR 56.2 + -1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R224, R225, R244, R280, R282	Initial Load	 0699- 1365	100	Item	RESISTOR 75 +- 1pct .125W TKF TC=0+-100	Release	5.0	Each	

N/A	R103, R105, R107, R109, R3, R318, R321, R328, R331, R4	Initial Load	 0699- 1366	100	Item	RESISTOR 82.5 +-1pct .125W TKF TC=0+- 100	Release	10.0	Each	
N/A	R374	Initial Load	 0699- 1377	100	Item	RESISTOR 2.37K +- 1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R142	Initial Load	 0699- 1378	100	Item	RESISTOR 2.61K +- 1pct .125W TKF TC=0+-100	Release	1.0	Each	
	F/N Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R377	Initial Load	 0699- 1380	100	Item	RESISTOR 3.16K +- 1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R141, R384, R400, R401	Initial Load	 0699- 1388	100	Item	RESISTOR 7.5K +-1pct .125W TKF TC=0+- 100	Release	4.0	Each	
N/A	R221	Initial Load	 0699- 1389	100	Item	RESISTOR 8.25K +- 1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R11, R12	Initial Load	 0699- 1390	100	Item	RESISTOR 9.09K +- 1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R10, R222, R277, R278, R279, R355, R357, R358, R359, R361, R364, R409, R410, R411, R7, R8, R9	Initial Load	 0699- 1391	100	Item	RESISTOR 10K +-1pct .125W TKF TC=0+- 100	Release	17.0	Each	
N/A	R259, R284	Initial Load	 0699- 1403	100	Item	RESISTOR 31.6K +- 1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R242, R251, R252, R254, R261, R263, R264, R342, R343	Initial Load	 0699- 1415	100	Item	RESISTOR 100 +-1pct .125W TKF TC=0+- 100	Release	9.0	Each	
N/A	R100, R101, R102, R104, R300, R301, R304, R305, R312, R313, R316, R317, R341, R344, R345, R348, R349, R391, R392, R407, R408	Initial Load	 0699- 1417	100	Item	RESISTOR 121 +-1pct .125W TKF TC=0+- 100	Release	21.0	Each	
N/A	R246, R247, R248, R421	Initial Load	 0699- 1418	100	Item	RESISTOR 133 +-1pct .125W TKF TC=0+- 100	Release	4.0	Each	
N/A	R371, R373, R387, R388, R389, R405, R406	Initial Load	 0699- 1419	100	Item	RESISTOR 147 +-1pct .125W TKF TC=0+- 100	Release	7.0	Each	

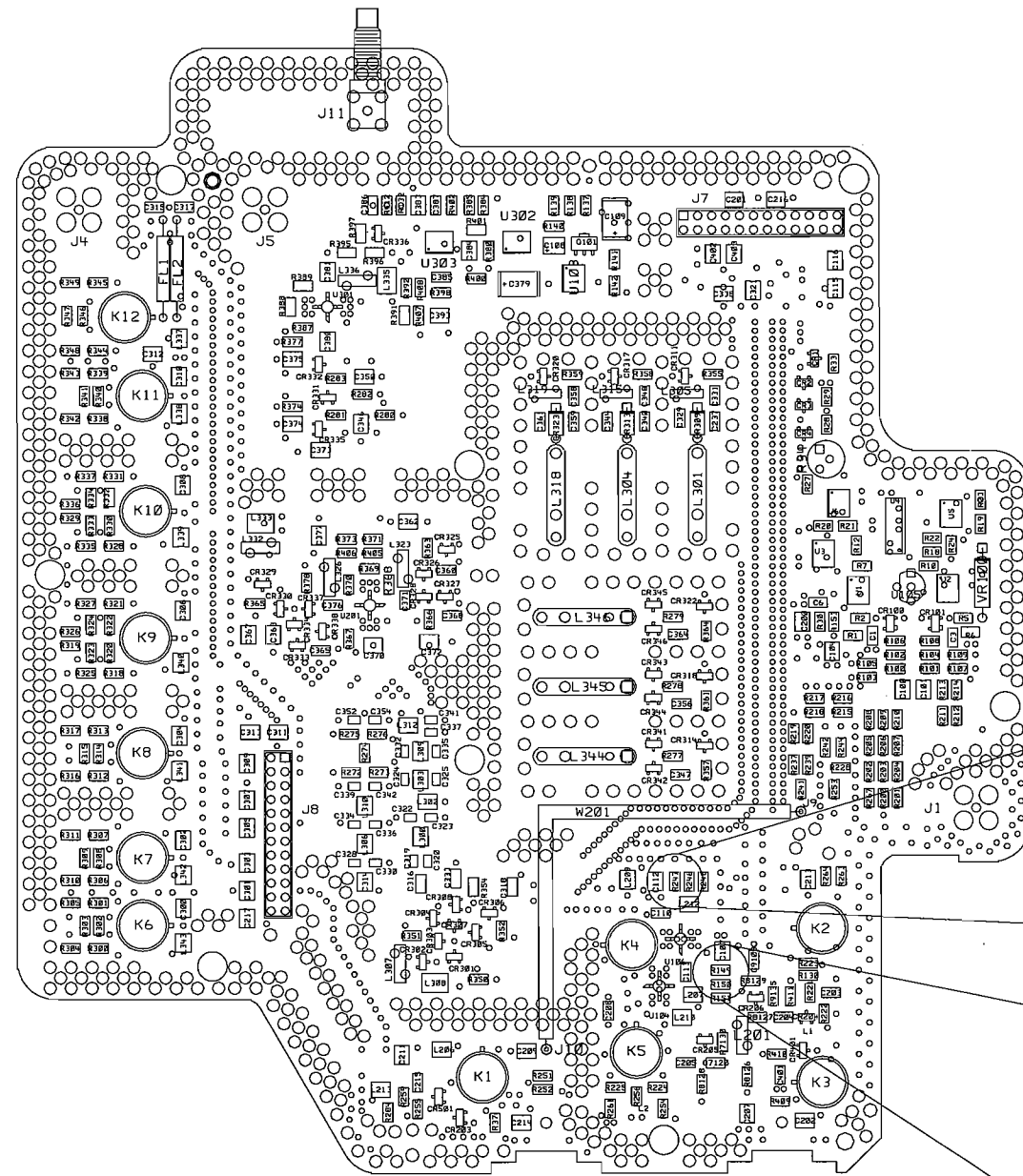
N/A	R139, R306, R307, R340, R368, R369, R370	Initial Load	 0699- 1421	100	Item	RESISTOR 178 +-1pct .125W TKF TC=0+- 100	Release	7.0	Each	
N/A	R149, R150, R151, R320, R322, R323, R324, R330, R332, R333, R334, R420	Initial Load	 0699- 1422	100	Item	RESISTOR 196 +-1pct .125W TKF TC=0+- 100	Release	12.0	Each	
N/A	R9135	Initial Load	 0699- 1425	100	Item	RESISTOR 261 +-1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R8128, R8129	Initial Load	 0699- 1427	100	Item	RESISTOR 316 +-1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R314	Initial Load	 0699- 1430	100	Item	RESISTOR 422 +-1pct .125W TKF TC=0+- 100	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R302, R395	Initial Load	 0699- 1431	100	Item	RESISTOR 464 +-1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R30, R346, R347, R8126	Initial Load	 0699- 1432	100	Item	RESISTOR 511 +-1pct .125W TKF TC=0+- 100	Release	4.0	Each	
N/A	R272, R273, R275, R276, R303, R315	Initial Load	 0699- 1433	100	Item	RESISTOR 562 +-1pct .125W TKF TC=0+- 100	Release	6.0	Each	
N/A	R223, R380	Initial Load	 0699- 1435	101	Item	RES-FXD 681 OHM +- 1PCT .125W TC 0+-100	Release	2.0	Each	
N/A	R281, R283, R350, R351, R352, R354	Initial Load	 0699- 1436	100	Item	RESISTOR 750 +-1pct .125W TKF TC=0+- 100	Release	6.0	Each	
N/A	R15	Initial Load	 0699- 1437	100	Item	RESISTOR 825 +-1pct .125W TKF TC=0+- 100	Release	1.0	Each	
N/A	R31, R32	Initial Load	 0699- 1438	100	Item	RESISTOR 909 +-1pct .125W TKF TC=0+- 100	Release	2.0	Each	
N/A	R1, R2, R5, R6	Initial Load	 0699- 1445	100	Item	RESISTOR 215K +-1pct .125W TKF TC=0+- 100	Release	4.0	Each	
N/A	L301, L304, L318	Initial Load	 08920- 00032	100	Item	INDUCTOR 350- 650 MHz FILTER	Release	3.0	Each	

N/A	MP3, MP4, MP5, MP6	Initial Load		08920-00037	100	Item	SHIELD, FILTER	Release	4.0	Each	
N/A	MP1	Initial Load		08920-20188	100	Item	BD RMS INPUT	Release	1.0	Each	
N/A	W201	Initial Load		08920-21009	100	Item	2.18SR NONE-NONE	Release	1.0	Each	
N/A	L344, L345, L346	Initial Load		08920-61043	100	Item	20NHAIR CORE AY	Release	3.0	Each	
N/A	U104, U201	Initial Load		08920-80042	100	Item	1826-2539 SEL	Release	2.0	Each	
N/A	J1, J4, J5	Initial Load		1250-0835	102	Item	CONNECTOR-RF SMC MALE PC-W-STDFS 50-OHM	Release	3.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	J7, J8	Initial Load		1252-3826	100	Item	CONN-POST TYPE .100-PIN-SPCG-MTG-END	Release	2.0	Each	
N/A	J9, J10	Manual		1253-6643	001	Item	CONN-SGL CONT SKT BASIC SIZE 0.021-IN DIA	Release	2.0	Each	
N/A	U105	Initial Load		1826-1365	100	Item	IC TEMP XDRC 3 PIN TO-92	Release	1.0	Each	
N/A	U103, U302	Initial Load		1826-1601	100	Item	IC PWR MGT-V-REF-ADJ 2.5/36V 8 PINS	Release	2.0	Each	
N/A	U303	Initial Load		1826-1644	100	Item	IC OP AMP LOW-NOISE DUAL 8 PIN	Release	1.0	Each	
N/A	U106	Initial Load		1826-2168	100	Item	IC RF/IF AMPL HIGH-GAIN SINGLE 4 PIN	Release	1.0	Each	
N/A	U301	Initial Load		1826-2175	104	Item	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	Release	1.0	Each	
N/A	U1, U2, U3	Initial Load		1826-6546	100	Item	IC OP AMP LP DUAL 8 PIN PLSTC-SOIC	Release	3.0	Each	
N/A	Q101	Initial Load		1854-1094	100	Item	TRANSISTOR NPN SI SOT-89 (TO-243AB)	Release	1.0	Each	
N/A	CR203, CR204, CR336, CR401, CR501	Initial Load		1900-0078	100	Item	DIODE-SCHOTTKY SM SIG	Release	5.0	Each	
N/A	CR206, CR301, CR303, CR305, CR307, CR326, CR328, CR330, CR334, CR337	Initial Load		1900-0096	100	Item	DIODE-PIN	Release	10.0	Each	
	CR205, CR331, CR332,	Initial									

N/A	CR335	Load	 1900-0100	100	Item	DIODE-PIN	Release	4.0	Each	
N/A	CR100, CR101	Initial Load	 1900-0296	100	Item	DIODE-SCHOTTKY SM SIG	Release	2.0	Each	
N/A	CR302, CR304, CR306, CR308, CR325, CR327, CR329, CR333, CR338	Initial Load	 1901-1192	100	Item	DIODE-PIN 35V 100MA TO-236 (SOT-23)	Release	9.0	Each	
N/A	CR311, CR314, CR317, CR318, CR320, CR322	Initial Load	 1901-1227	100	Item	DIODE-SWITCHING 75V 200MA 6NS TO-236	Release	6.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	VR100	Initial Load	 1902-1696	100	Item	DIODE-ZNR 1N827 6.2V 5pct DO-7 PD=.25W	Release	1.0	Each	
N/A	MP2	Initial Load	 5180-1886	100	Item	LABEL-PC BOARD	Release	1.0	Each	
N/A	CR309, CR323, CR313	Initial Load	 5180-6539	100	Item	DIVISIONAL ITEMS W/O A CATEGORY ASSIGN	Release	3.0	Each	
N/A	MP7	Initial Load	 7121-5792	100	Item	LABEL-BLANK .75-IN-WD .125-IN-LG KPTN	Release	1.0	Each	
N/A	L201, L307, L323, L326, L332, L336	Initial Load	 9100-3922	100	Item	INDUCTOR FIXED Z GREATER THAN 1200 OHMS 120 TO 650	Release	6.0	Each	
N/A	FL1, FL2	Initial Load	 9135-0214	100	Item	FILTER-LOW PASS PIN STYLE-TERMS	Release	2.0	Each	
N/A	L305, L315, L319	Initial Load	 9140-1087	100	Item	INDUCTOR 4.25uH +41pct - 41pct 5.8D-mmX7LG-mm	Release	3.0	Each	
N/A	L309	Initial Load	 9140-1098	101	Item	INDUCTOR 150nH +-5pct 2.8W-mmX3.4LG-mm	Release	1.0	Each	
N/A	L308, L333, L335	Initial Load	 9140-1121	100	Item	INDUCTOR 100uH +-5pct 3.4W-mmX4.8LG-mm	Release	3.0	Each	
N/A	L206, L209, L210, L213, L337, L338, L339, L340, L341, L342, L343	Initial Load	 9140-1196	100	Item	INDUCTOR 100nH +-10pct 2.7W-mmX3.4LG-mm	Release	11.0	Each	
N/A	L310	Initial Load	 9140-1206	101	Item	INDUCTOR 100nH +-5pct 2.8W-mmX3.4LG-mm	Release	1.0	Each	

N/A	L303	Initial Load	 9140-1426	101	Item	INDUCTOR 12nH +-10pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L212	Initial Load	 9140-1559	100	Item	INDUCTOR 15nH +10pct -10pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L312	Initial Load	 9140-1560	100	Item	INDUCTOR 18nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L302	Initial Load	 9140-1562	100	Item	INDUCTOR 27nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	L207, L300	Initial Load	 9140-1563	100	Item	INDUCTOR 33nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	2.0	Each	
N/A	L306	Initial Load	 9140-1567	100	Item	INDUCTOR 68nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	

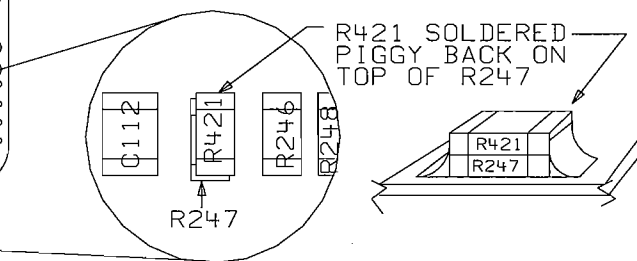
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SYM	REVISIONS	APPROVED
D	SEE SHEET 1	4/2/96
E	SEE SHEET 1	2/5/97



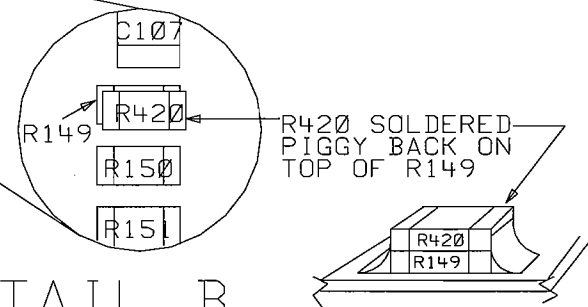
NOTES:

1. SOLDER R421 TO THE TOP OF R247, SEE DETAIL A .
2. SOLDER R420 TO THE TOP OF R149, SEE DETAIL B .

DETAIL A



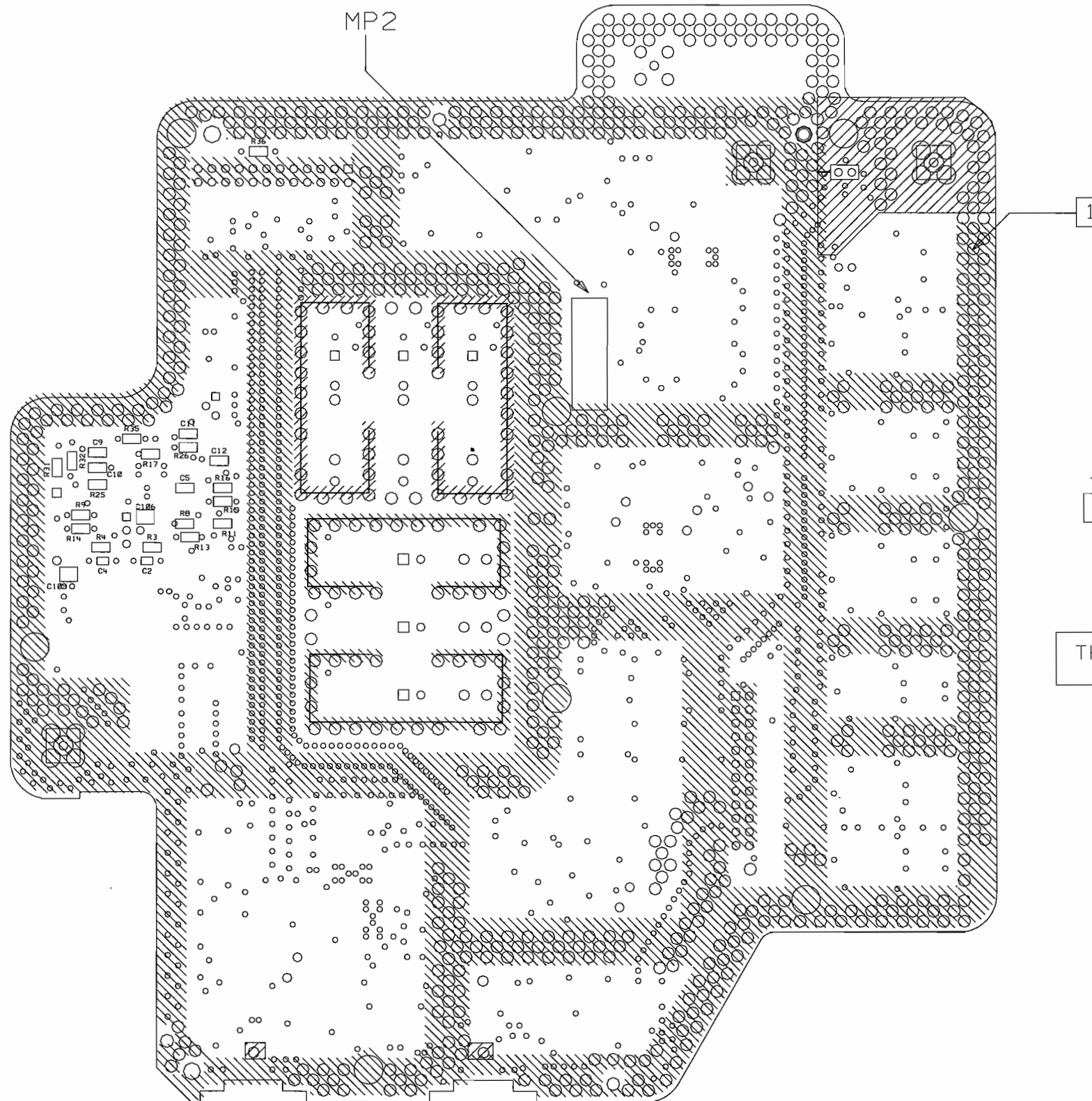
DETAIL B



SIDE A KLUDGE DOC.

PROPRIETARY THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS THE PROPERTY OF [REDACTED] DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY [REDACTED]	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES: XX.XXX ±.010 XX.XX ±.02	DRAWN BY [REDACTED] 4/2/96 DATE [REDACTED] ENGINEER/CHECKER [REDACTED] 4/2/96 DATE [REDACTED]	ASSEMBLY, PWA EMR INPUT SECTION	a2ba1183 FILENAME [REDACTED] SCALE NONE SHEET 2 OF 3 08920-60183 PART NUMBER D-08920-60183-2
	THIRD ANGLE PROJECTION DO NOT SCALE THIS DRAWING	RELEASE TO PROD. [REDACTED] DATE [REDACTED] SUPERSEDES DWG. [REDACTED]	TITLE	

S 300		D-08920-60183-2	
SYM	REVISIONS	APPROVED	DATE
C	SEE SHEET 1		9/7/95
D	SEE SHEET 1		4/2/96
E	SEE SHEET 1		2/5/97



NOTES: UNLESS OTHERWISE SPECIFIED

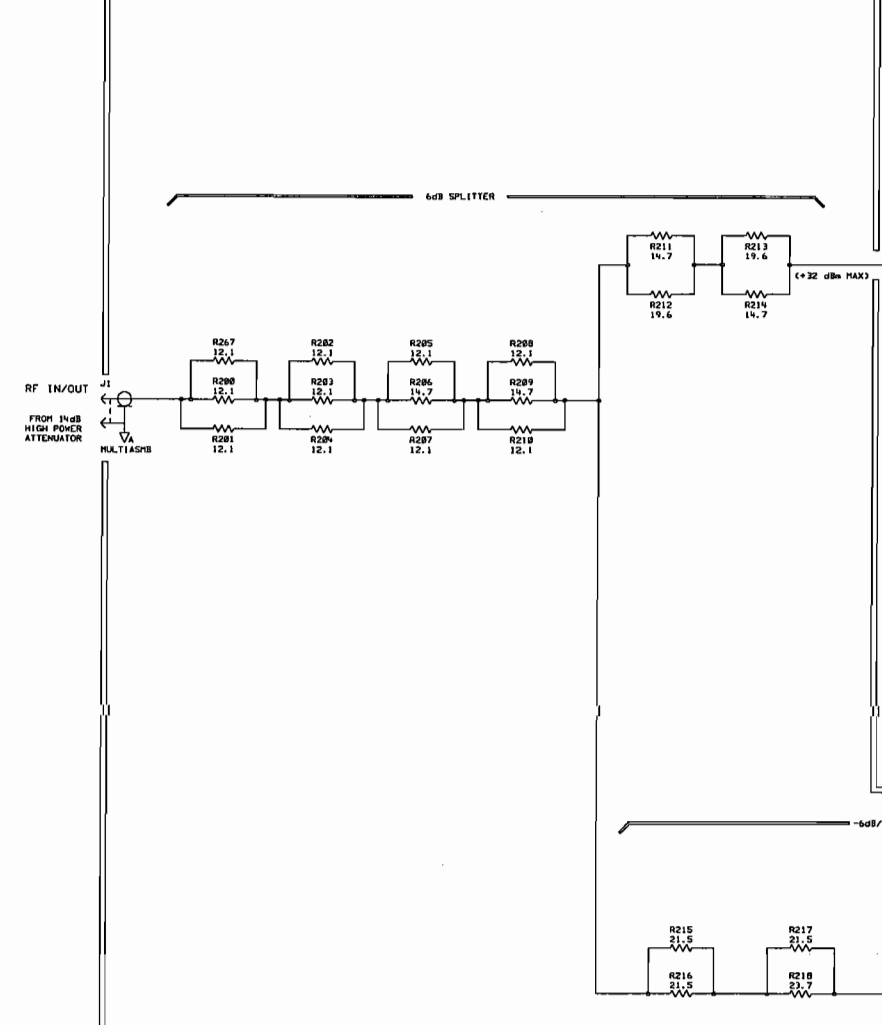
1 MASK ALL EXPOSED BOTTOM SIDE GROUND PLANE AREAS PLUS ANY OTHER REGIONS SPECIFICALLY SHOWN.

THIS ASSEMBLY USES RAW BOARD 08920-20188

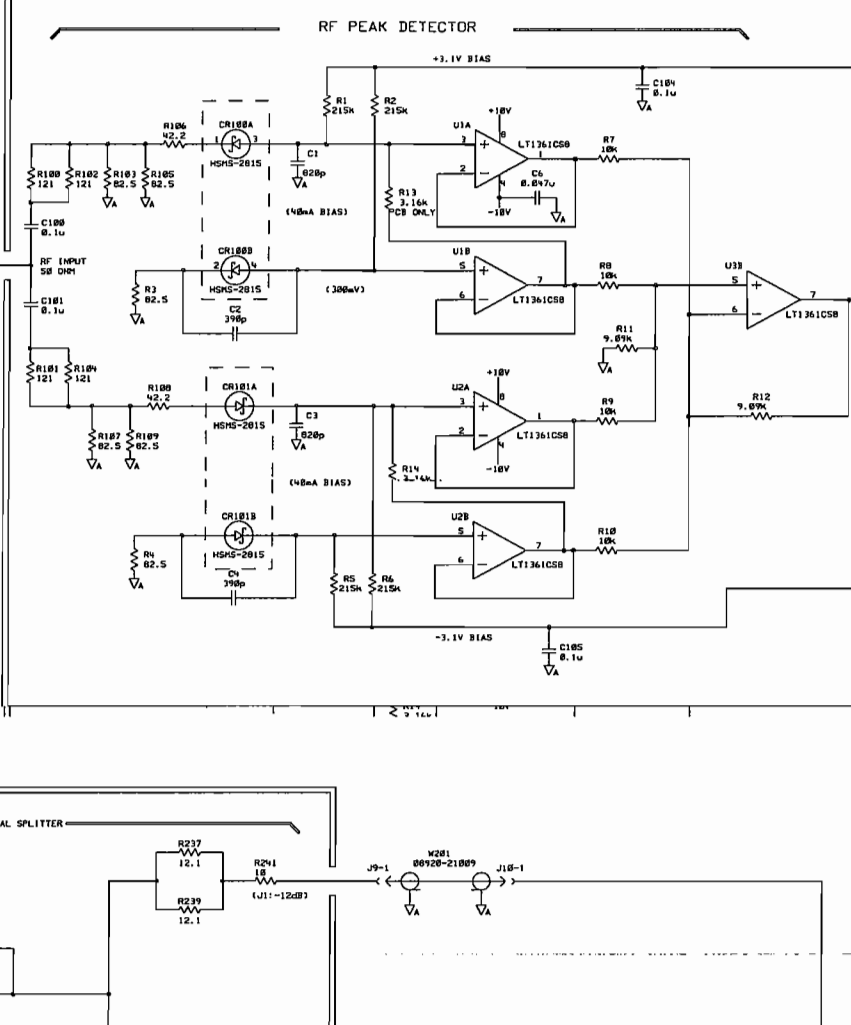
SIDE B

PROPRIETARY THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS THE PROPERTY OF [REDACTED]. DO NOT DISCLOSE TO OR REPRODUCE FOR OTHERS EXCEPT AS AUTHORIZED BY [REDACTED].	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DRAWN BY [REDACTED] 04/14/94 DATE	ASSEMBLY, PWA	a5ba1183 FILENAME
	TOLERANCES: XX.XXX ±.010 XX.XX ±.02	ENGINEER/CHECKER [REDACTED] 04/14/94 DATE	EMR INPUT	SCALE NONE
	THIRD ANGLE PROJECTION	RELEASE TO PROD. [REDACTED] 09/13/94 DATE	SECTION	SHEET 3 OF 3 08920-60183 PART NUMBER
	DO NOT SCALE THIS DRAWING	SUPERSEDES DWG. [REDACTED]	TITLE	D-08920-60183-2

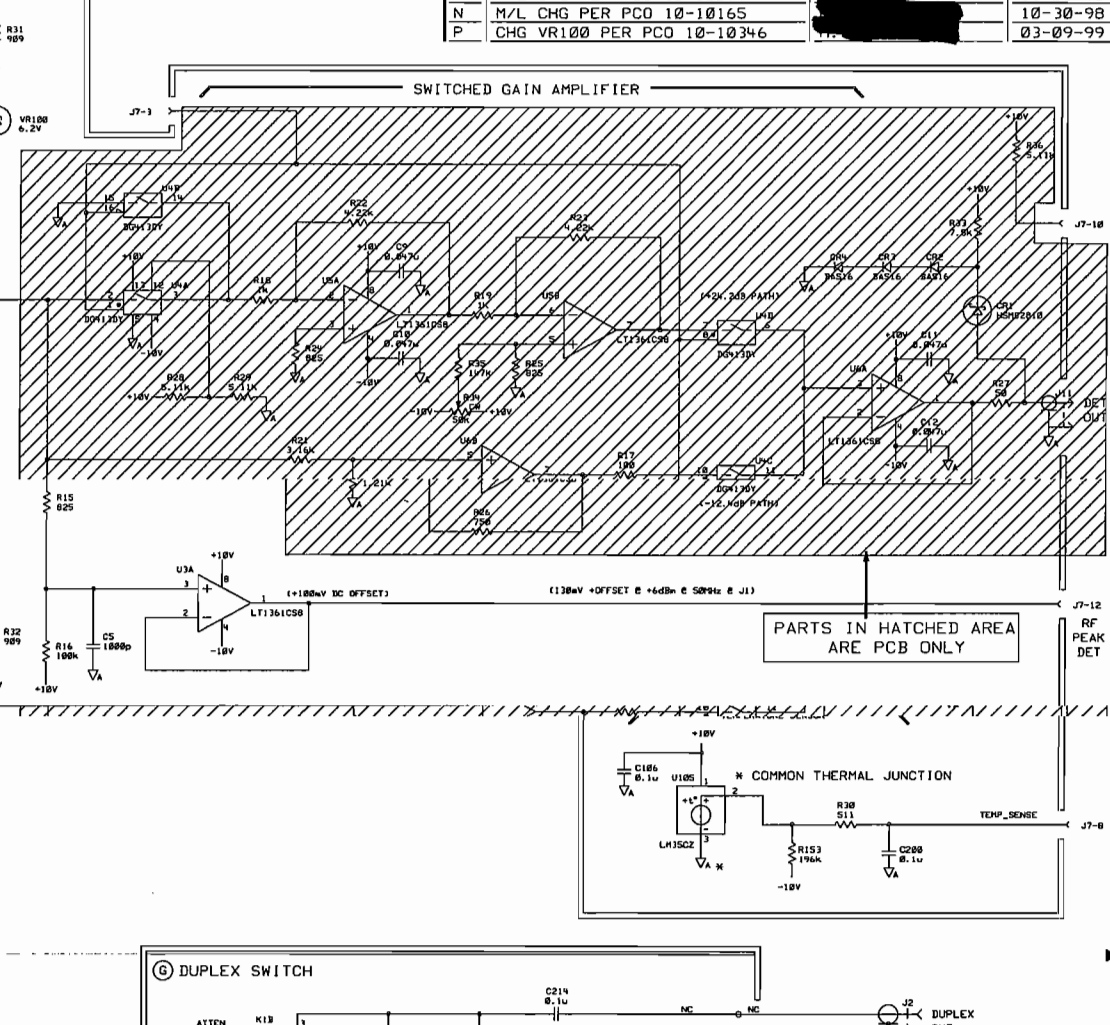
(A) HIGH-POWER SPLITTER



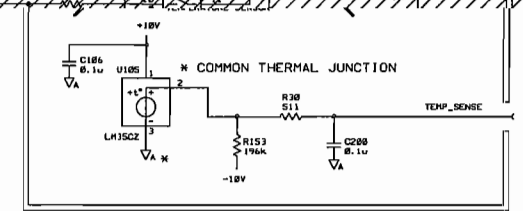
(B) RF PEAK DETECTOR / SWITCHED GAIN AMPLIFIER



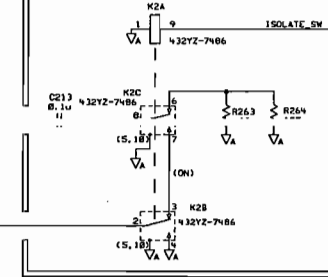
(C) ANTENNA SPLITTER/SWITCH



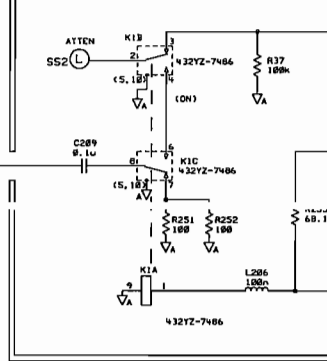
PARTS IN HATCHED AREA ARE PCB ONLY



(D) ISOLATION SWITCH



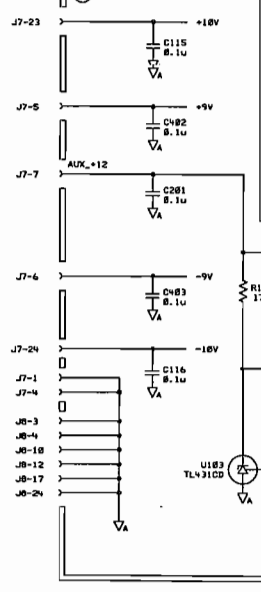
(E) DUPLEX SWITCH



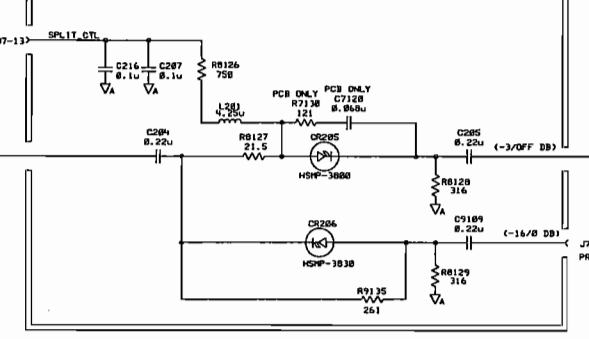
NO-LOAD PARTS LIST

REF	DES	BLOCK	SHEET
C9-12	B	1	
C217	G	1	
C324	N	2	
C7120	E	1	
C7120	E	1	
CR1-4	B	1	
J11	B	1	
R13-14	B	1	
R17-29	B	1	
R33-36	B	1	
R7130	E	1	
U4-6	B	1	
C304	L	2	
C306	L	2	
C308	L	2	
C310	L	2	
C312	L	2	
R308	L	2	
R310	L	2	
R311	L	2	
R325-327	L	2	
R335-339	L	2	
R412	R	2	
CR342	D	2	

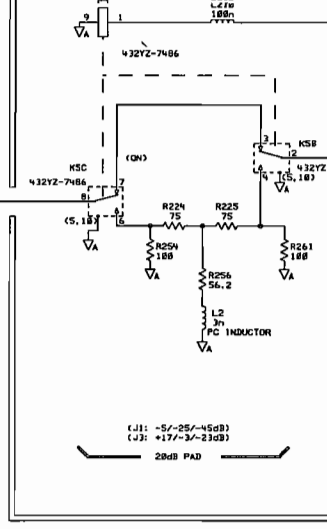
(F) POWER SUPPLIES



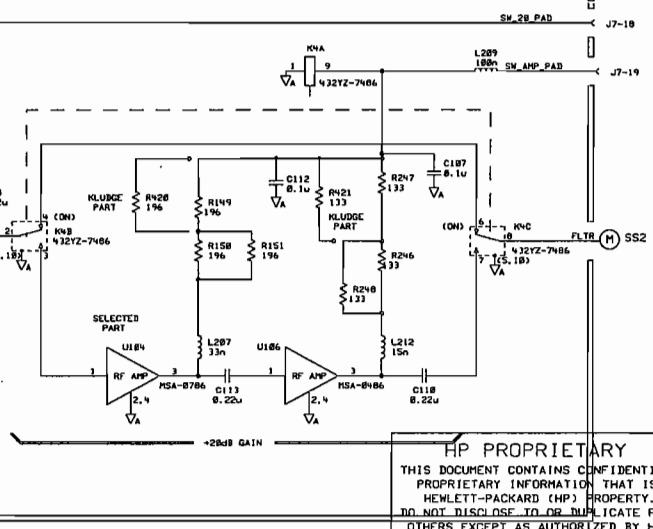
(G) UNEQUAL SPLITTER / SWITCH



(H) INPUT ATTENUATOR



(I) PRESCALER



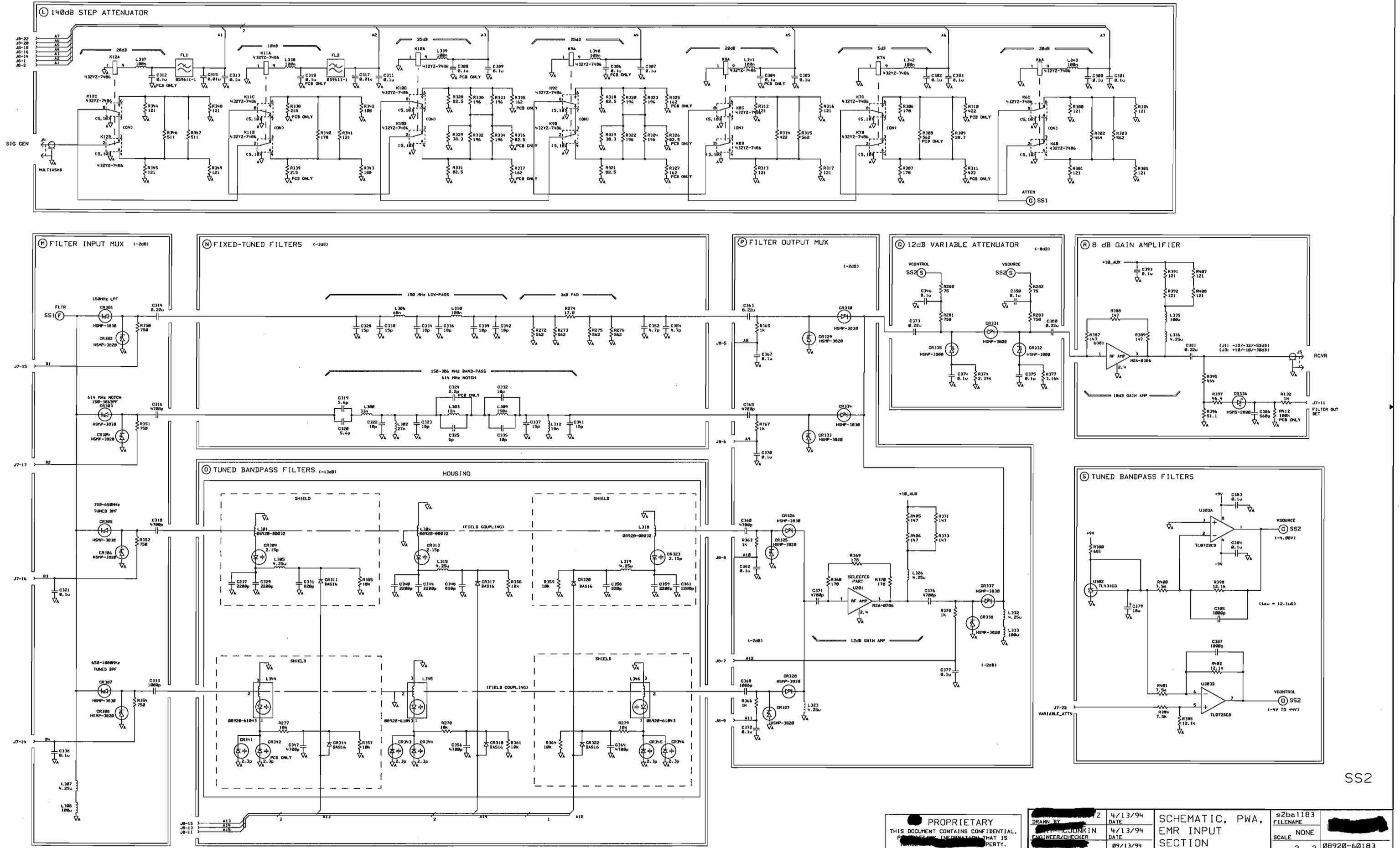
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SS1
DRAWN BY: [REDACTED] DATE: 4/13/94
ENGINEER/CHECKED: [REDACTED] DATE: 4/13/94
RELEASE TO PROD. DATE: 09/13/94

SCHEMATIC, PWA, EMR INPUT SECTION
s1ba1183 FILENAME
SCALE NONE
SHEET 1 OF 2
PART NUMBER 08920-60183-1

5300	P-030999-10	D-08920-60183-1
SYM	REVISIONS	APPROVED
M	M/L CHG PER PCO 10-10079	[REDACTED]
N	M/L CHG PER PCO 10-10165	[REDACTED]
P	CHG VR100 PER PCO 10-10346	[REDACTED]
		DATE
		08-03-98
		10-30-98
		03-09-99































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DATE 4/13/94
 DATE 4/13/94
 DATE 09/13/94
 SUPERSEDES DNG.


































SCHEMATIC, PWA, EMR INPUT SECTION
 FILENAME s2ba1183
 SCALE NONE
 SHEET 2 OF 2
 PART NUMBER 08920-60183
 D-08920-60183-1

08920-60189 rev 101: Engineering Bill of Materials



































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
























 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	C75	Initial Load	 0160-5967	100	Item	CAP-FXD 100pF +-5pct 50 V CER C0G	Release	1.0	Each	
N/A	C33	Initial Load	 0160-6097	100	Item	CAP-FXD 560pF +-5pct 50 V CER C0G	Release	1.0	Each	
N/A	C455	Initial Load	 0160-6100	101	Item	CAP-FXD 1000pF +-5pct 50 V CER C0G	Release	1.0	Each	
N/A	C162, C164, C166, C168, C170, C175, C62	Initial Load	 0160-6216	100	Item	CAP-FXD 1000pF +-5pct 50 V CER C0G	Release	7.0	Each	
N/A	C127, C128, C13, C131, C132, C133, C134, C135, C136, C138, C14, C140, C161, C17, C174, C18, C189, C2, C20, C203, C204, C205, C22, C23, C25, C26, C27, C28, C3, C30, C31, C32, C34, C35, C37, C4, C45, C450, C451, C453, C454, C47, C70, C72, C73, C74	Initial Load	 0160-6222	100	Item	CAP-FXD 0.1uF +-10pct 50 V CER X7R	Release	46.0	Each	
N/A	C207, C208	Initial Load	 0160-6734	100	Item	CAP-FXD 0.047uF +-10pct 50 V CER X7R	Release	2.0	Each	
N/A	C66, C67, C68	Initial Load	 0160-6735	100	Item	CAP-FXD 4700pF +-10pct 50 V CER X7R	Release	3.0	Each	
N/A	C101, C102, C103, C104, C201, C202, C71, C83	Initial Load	 0160-6736	100	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	8.0	Each	
N/A	C126, C181, C185, C41, C48, C51, C53, C6, C7	Initial Load	 0180-3751	103	Item	CAP-FXD 1uF +- 20PCT 35V TA	Release	9.0	Each	
N/A	C190, C191, C192	Initial Load	 0180-3753	101	Item	CAP-FXD 6.8uF +-20PCT 35V TA	Release	3.0	Each	
N/A	C1, C165, C167, C169, C171, C186, C42, C49, C5, C52, C64, C65, C8, C9	Initial Load	 0180-3754	100	Item	CAP-FXD 10uF +- 20PCT 25V TA	Release	14.0	Each	
N/A	C182	Initial Load	 0180-4274	101	Item	CAP-FXD 4.7uF +-20PCT 50V TA	Release	1.0	Each	
N/A	R118, R128, R134, R139, R220, R221, R222, R309, R316,	Initial	 0699-	100	Item	RESISTOR 1K +- 1pct .125W TKF	Release	17.0	Each	

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
	R319, R320, R321, R44, R453, R69, R81, R83	Load		1318			TC=0+-100				
N/A	R135	Initial Load		0699-1319	100	Item	RESISTOR 12.1K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R180	Initial Load		0699-1320	100	Item	RESISTOR 19.6K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R306, R307	Initial Load		0699-1327	100	Item	RESISTOR 1M +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R308	Initial Load		0699-1330	100	Item	RESISTOR 100K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R123, R173, R182, R60	Initial Load		0699-1344	100	Item	RESISTOR 10 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R100, R190, R59, R61	Initial Load		0699-1346	100	Item	RESISTOR 12.1 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R1	Initial Load		0699-1348	100	Item	RESISTOR 14.7 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R115, R122	Initial Load		0699-1352	100	Item	RESISTOR 21.5 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R130, R132, R136, R137, R168, R169	Initial Load		0699-1356	100	Item	RESISTOR 31.6 +-1pct .25W TKF TC=0+-100	Release	6.0	Each	
N/A	R223, R224, R225, R450, R451, R452	Initial Load		0699-1358	100	Item	RESISTOR 38.3 +-1pct .125W TKF TC=0+-100	Release	6.0	Each	
N/A	R28, R66	Initial Load		0699-1359	100	Item	RESISTOR 42.2 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R68	Initial Load		0699-1360	100	Item	RESISTOR 46.4 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R210, R211, R217, R218, R323, R325, R76	Initial Load		0699-1361	100	Item	RESISTOR 51.1 +-1pct .125W TKF TC=0+-100	Release	7.0	Each	
N/A	R10, R20, R21, R29, R30, R9	Initial Load		0699-1365	100	Item	RESISTOR 75 +-1pct .125W TKF TC=0+-100	Release	6.0	Each	
N/A	R11, R62	Initial Load		0699-1370	100	Item	RESISTOR 1.21K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R57, R63	Initial Load		0699-1372	100	Item	RESISTOR 1.47K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	











RESISTOR 1.78K
























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N/A	R142	Initial Load	 0699-1374	100	Item	+ -1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R106, R125, R126, R314, R54, R56, R65, R67	Initial Load	 0699-1376	100	Item	RESISTOR 2.15K + -1pct .125W TKF TC=0+-100	Release	8.0	Each	
N/A	R93	Initial Load	 0699-1377	100	Item	RESISTOR 2.37K + -1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R158, R185, R188, R313	Initial Load	 0699-1380	100	Item	RESISTOR 3.16K + -1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R226, R303	Initial Load	 0699-1383	100	Item	RESISTOR 4.22K + -1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R113, R119, R129, R146, R302, R33, R75, R98	Initial Load	 0699-1384	100	Item	RESISTOR 4.64K + -1pct .125W TKF TC=0+-100	Release	8.0	Each	
N/A	R301, R312	Initial Load	 0699-1385	100	Item	RES-FXD 5.11K + -1PCT .125W TC 0+-100	Release	2.0	Each	
N/A	R34	Initial Load	 0699-1386	100	Item	RESISTOR 5.62K + -1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R13, R178, R214, R328	Initial Load	 0699-1388	100	Item	RESISTOR 7.5K + -1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R39	Initial Load	 0699-1389	100	Item	RESISTOR 8.25K + -1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R101, R12, R138, R148, R152, R154, R155, R156, R157, R161, R164, R167, R171, R174, R175, R186, R187, R215, R219, R310, R311, R329, R80	Initial Load	 0699-1391	100	Item	RESISTOR 10K + -1pct .125W TKF TC=0+-100	Release	23.0	Each	
N/A	R179, R318, R46, R85	Initial Load	 0699-1394	100	Item	RESISTOR 14.7K + -1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R322	Initial Load	 0699-1395	100	Item	RES-FXD 16.2KOHM + -1PCT .125W TC 0+-100	Release	1.0	Each	
N/A	R315	Initial Load	 0699-1396	100	Item	RESISTOR 17.8K + -1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R147, R153, R183, R184, R425, R64, R77, R89	Initial Load	 0699-1398	100	Item	RESISTOR 21.5K + -1pct .125W TKF TC=0+-100	Release	8.0	Each	
N/A	R94	Initial Load	 0699-1399	100	Item	RESISTOR 23.7K + -1pct .125W TKF TC=0+-100	Release	1.0	Each	

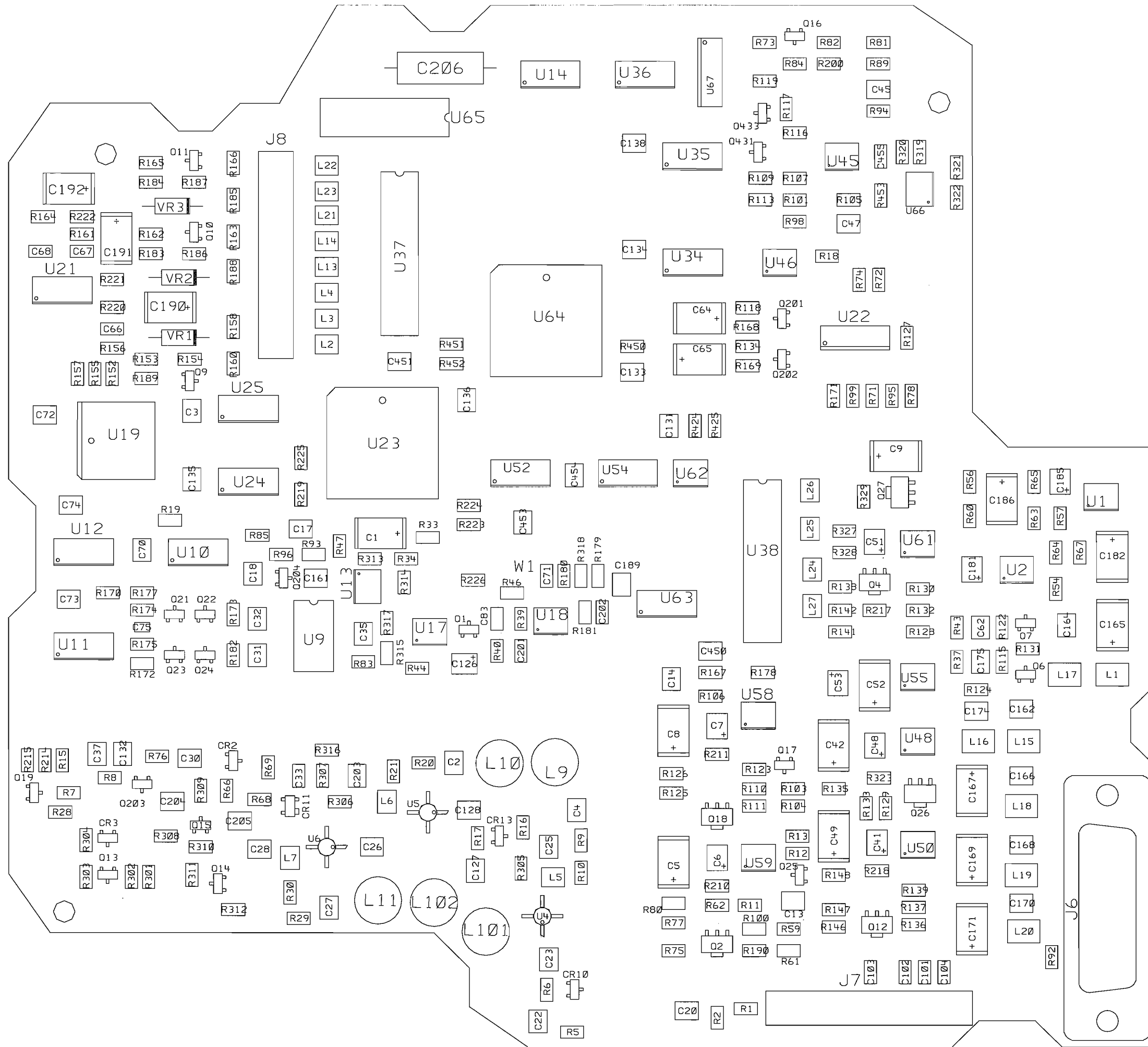
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N/A	R109, R117, R133, R424	Initial Load	 0699-1403	100	Item	RESISTOR 31.6K +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R141, R327	Initial Load	 0699-1405	100	Item	RESISTOR 38.3K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R107, R116	Initial Load	 0699-1407	100	Item	RESISTOR 46.4K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R162, R165, R189	Initial Load	 0699-1413	100	Item	RESISTOR 82.5K +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R103, R104, R110, R111, R18	Initial Load	 0699-1415	100	Item	RESISTOR 100 +-1pct .125W TKF TC=0+-100	Release	5.0	Each	
N/A	R17, R5, R6	Initial Load	 0699-1419	100	Item	RESISTOR 147 +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R2, R8	Initial Load	 0699-1421	100	Item	RESISTOR 178 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R124, R131	Initial Load	 0699-1422	100	Item	RESISTOR 196 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R16, R47	Initial Load	 0699-1423	100	Item	RESISTOR 215 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R19, R304, R324, R326	Initial Load	 0699-1425	100	Item	RESISTOR 261 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R127, R160, R163, R166, R170, R172, R177, R71, R72, R74, R78, R92, R95, R96, R99	Initial Load	 0699-1431	100	Item	RESISTOR 464 +-1pct .125W TKF TC=0+-100	Release	15.0	Each	
N/A	R15	Initial Load	 0699-1432	100	Item	RESISTOR 511 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R105, R37, R43	Initial Load	 0699-1435	101	Item	RES-FXD 681 OHM +-1PCT .125W TC 0+-100	Release	3.0	Each	
N/A	R7	Initial Load	 0699-1437	100	Item	RESISTOR 825 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R181, R305, R317, R40	Initial Load	 0699-1443	100	Item	RESISTOR 147K +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	MP1	Initial Load	 08920-20189	100	Item	BD RMS INP DAU	Release	1.0	Each	

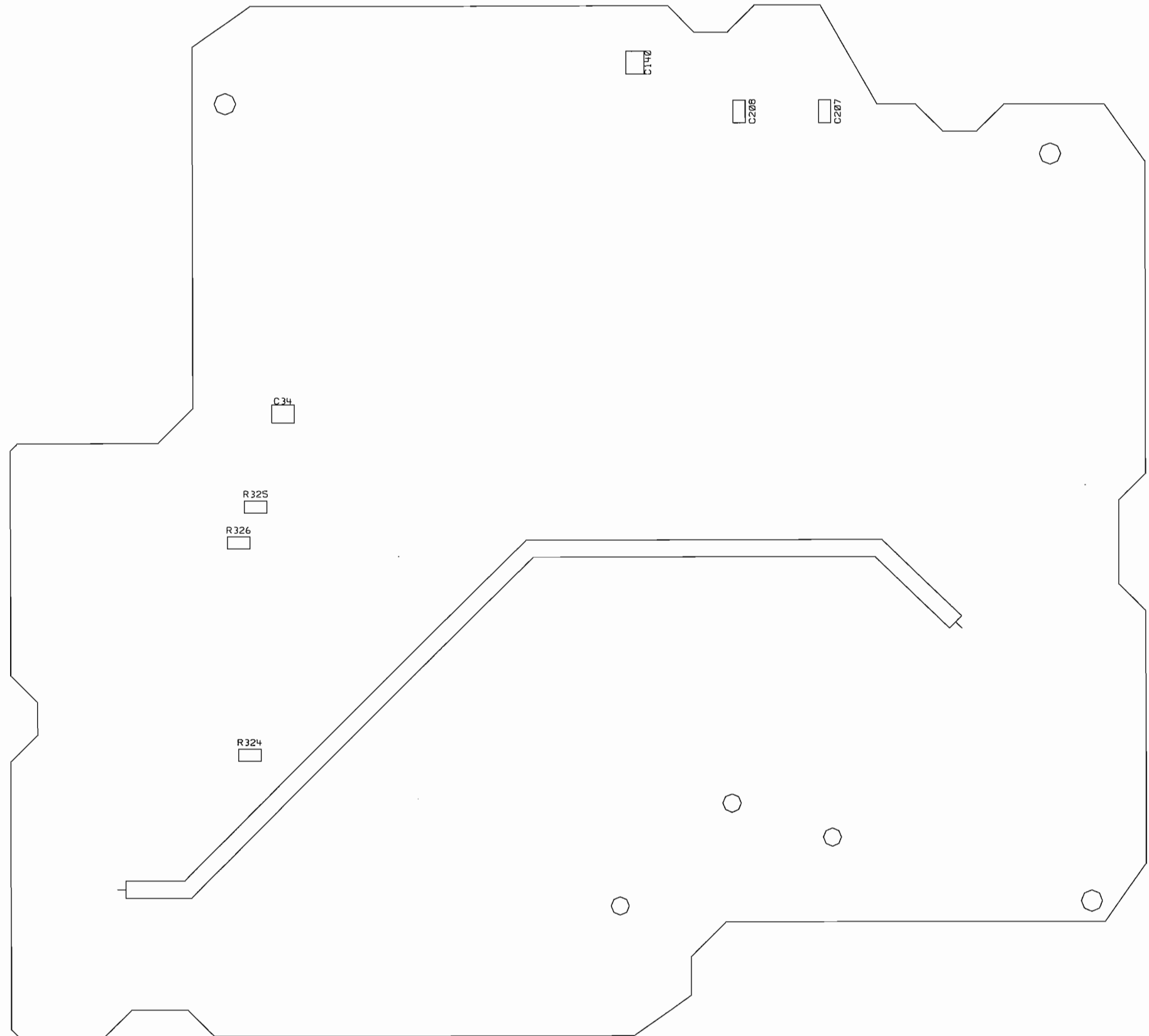
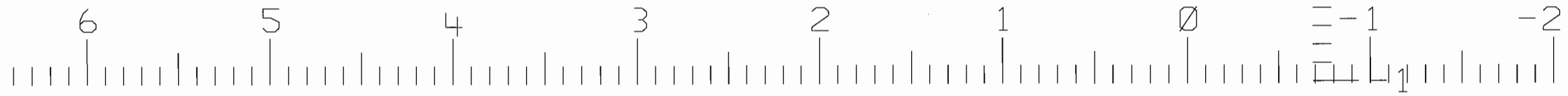
N/A	W1	Initial Load	 08920-21010	100	Item	SR 2.18NONE-NONE	Release	1.0	Each	
N/A	U4, U5, U6	Initial Load	 08920-80042	100	Item	1826-2539 SEL	Release	3.0	Each	
N/A	J7, J8	Initial Load	 1251-5905	102	Item	CONN-HDR VERT 24-PIN 2.54 MM 2 ROW	Release	2.0	Each	
N/A	J6	Initial Load	 1252-3737	101	Item	CONN RECT15MFLTR	Release	1.0	Each	
N/A	U37, U38	Initial Load	 1820-2273	100	Item	IC INTERFACE DRVR BIPOLAR HIGH VOLTAGE	Release	2.0	Each	
N/A	U12	Initial Load	 1820-4275	100	Item	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG	Release	1.0	Each	
N/A	U10	Initial Load	 1820-4289	100	Item	IC FF TTL/AS D-TYPE POS-EDGE-TRIG	Release	1.0	Each	
N/A	U11, U63	Initial Load	 1820-4291	100	Item	IC GATE TTL/ALS NAND QUAD 2-INP	Release	2.0	Each	
N/A	U14, U36	Initial Load	 1820-4693	101	Item	IC GATE CMOS/HC AND QUAD 2-INP	Release	2.0	Each	
N/A	U35	Initial Load	 1820-4966	100	Item	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	Release	1.0	Each	
N/A	U34	Initial Load	 1820-5220	100	Item	IC INV CMOS/HC HEX	Release	1.0	Each	
N/A	U24, U25	Initial Load	 1820-6129	100	Item	IC SHF-RGTR CMOS/HC SYNC/ASYN SERIAL-IN	Release	2.0	Each	
N/A	U23, U64	Initial Load	 1820-6752	100	Item	IC I/O CUSTOM	Release	2.0	Each	
N/A	U65	Initial Load	 1826-1189	100	Item	PEAK DETECTOR 14 -DIP-P	Release	1.0	Each	

	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A		U1, U13, U2, U48, U50, U55, U58, U59, U61	Initial Load	 1826-1601	100	Item	IC PWR MGT-V-REF-ADJ 2.5/36V 8 PINS	Release	9.0	Each	
N/A		U21, U52, U54	Initial Load	 1826-1622	100	Item	IC OP AMP LOW-BIAS-H-IMP QUAD 14 PIN	Release	3.0	Each	
N/A		U18, U45, U46, U62	Initial Load	 1826-1644	100	Item	IC OP AMP LOW-NOISE DUAL 8 PIN	Release	4.0	Each	
N/A		U19	Initial Load	 1826-1700	100	Item	D/A 8-BIT 28-PLCC CMOS	Release	1.0	Each	

N/A	U67	Initial Load	 1826-2145	100	Item	ANALOG SWITCH 4 SPST 16 -P- SOIC	Release	1.0	Each	
N/A	U22	Initial Load	 1826-2147	100	Item	ANALOG MULTIPLEXER 8 CHNL 16 -P- SOIC	Release	1.0	Each	
N/A	U17, U66	Initial Load	 1826-3000	100	Item	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	Release	2.0	Each	
N/A	Q13, Q15, Q202	Initial Load	 1853-0567	100	Item	TRANSISTOR PNP SI SOT-23 (TO- 236AB)	Release	3.0	Each	
N/A	Q10, Q11, Q9	Initial Load	 1853-0581	100	Item	TRANSISTOR PNP SI SOT-23 (TO- 236AB)	Release	3.0	Each	
N/A	Q27, Q4	Initial Load	 1853-0609	100	Item	TRANSISTOR PNP SI SOT-89 (TO- 243AB)	Release	2.0	Each	
N/A	Q21, Q22	Initial Load	 1853-0612	100	Item	TRANSISTOR PNP SI SOT-23 (TO- 236AB)	Release	2.0	Each	
N/A	Q1, Q14, Q17, Q19, Q25, Q431, Q433	Initial Load	 1854-1037	100	Item	TRANSISTOR NPN SI TO-236AA PD=350MW	Release	7.0	Each	
N/A	Q6, Q7	Initial Load	 1854-1052	100	Item	TRANSISTOR NPN SI SOT-23 (TO- 236AB)	Release	2.0	Each	
N/A	Q201	Initial Load	 1854-1053	100	Item	TRANSISTOR NPN SI SOT-23 (TO- 236AB)	Release	1.0	Each	
N/A	Q204	Initial Load	 1854-1055	101	Item	TRANSISTOR NPN SI SOT-23 PD 300MW FT 4.5GHZ MIN	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	Q12, Q18, Q2, Q26	Initial Load	 1854-1094	100	Item	TRANSISTOR NPN SI SOT-89 (TO- 243AB)	Release	4.0	Each	
N/A	Q23, Q24	Initial Load	 1854-1095	100	Item	TRANSISTOR NPN SI SOT-23 (TO- 236AB)	Release	2.0	Each	
N/A	CR2	Initial Load	 1900-0096	100	Item	DIODE-PIN	Release	1.0	Each	
N/A	CR10, CR13	Initial Load	 1900-0100	100	Item	DIODE-PIN	Release	2.0	Each	
N/A	CR11	Initial Load	 1900-0237	101	Item	D SCH 20V DUAL	Release	1.0	Each	
N/A	CR3	Initial Load	 1901-1227	100	Item	DIODE- SWITCHING 75V 200MA 6NS TO- 236	Release	1.0	Each	

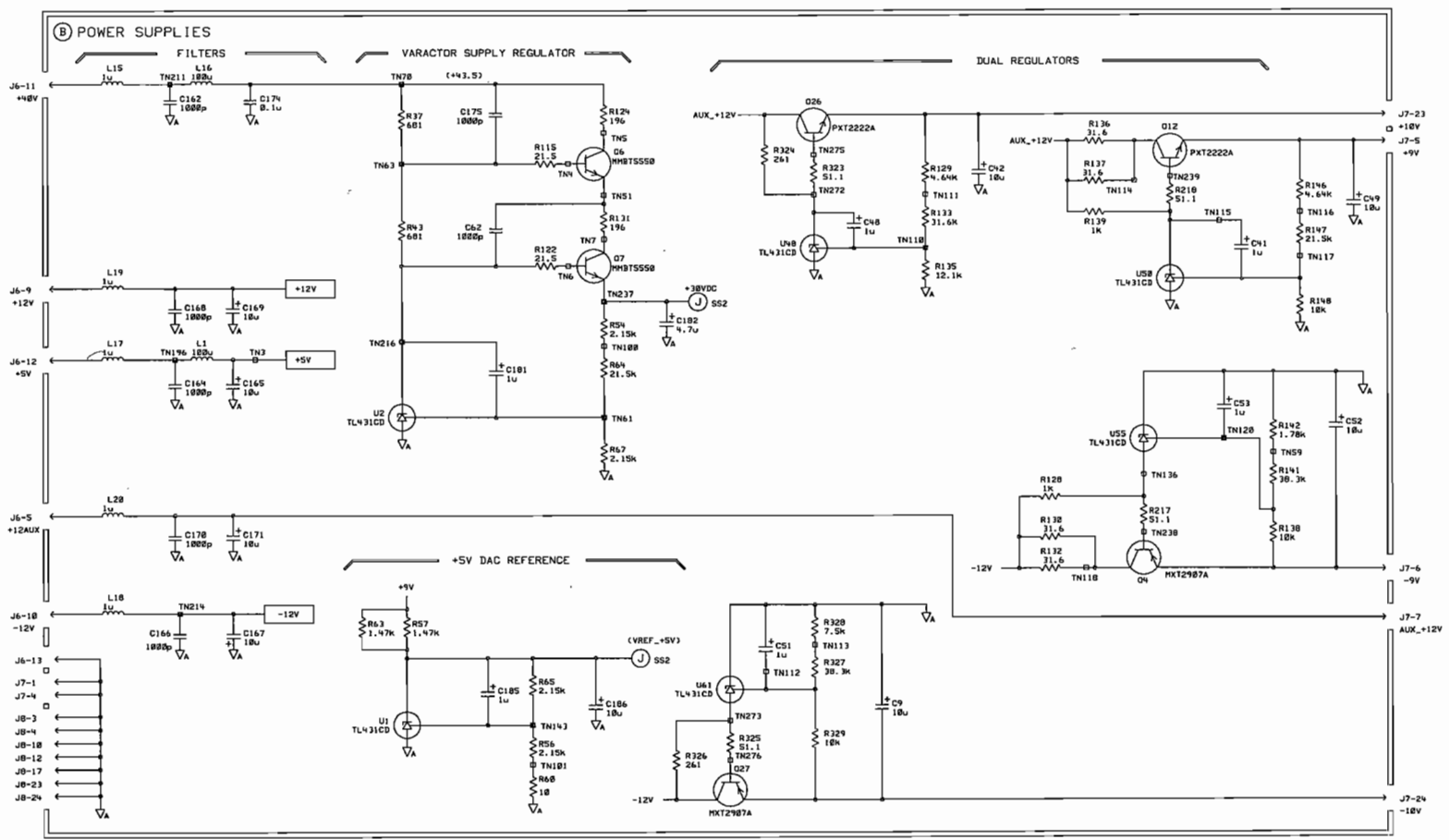
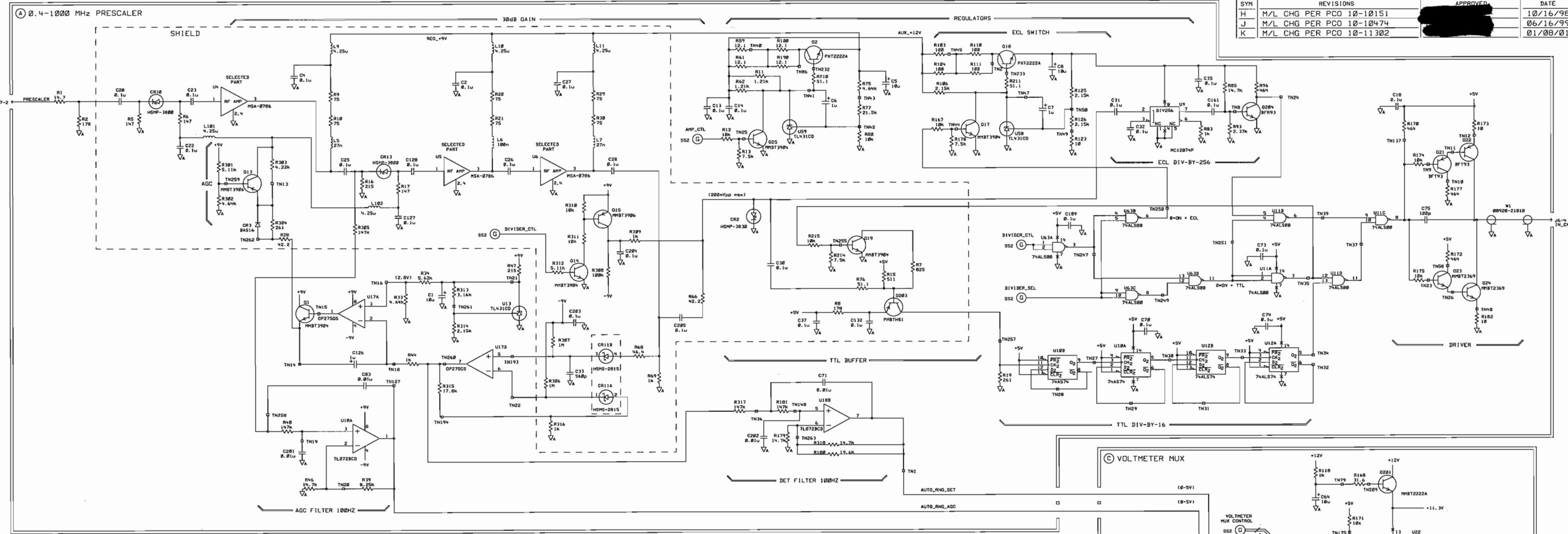
N/A	VR1, VR2, VR3	Initial Load	 1902-0968	100	Item	DIODE-ZNR 27V 5pct DO-35 PD=.4W TC=+.095pct	Release	3.0	Each	
N/A	U9	Initial Load	 5180-6545	100	Item	BR BUY 1820-6973	Release	1.0	Each	
N/A	C206	Initial Load	 5180-6560	100	Item	LTB 0160-5540	Release	1.0	Each	
N/A	Q203	Manual	 5185-3689	001	Item	LTB 1853-0768	Release	1.0	Each	
N/A	MP2	Initial Load	 7121-5729	101	Item	LBL-LNE-PTR; 1.5-IN-WD X .25-IN-LG	Release	1.0	Each	
N/A	L10, L101, L102, L11, L9	Initial Load	 9100-3922	100	Item	INDUCTOR FIXED Z GREATER THAN 1200 OHMS 120 TO 650	Release	5.0	Each	
N/A	L24, L25, L26, L27	Initial Load	 9140-1101	101	Item	INDUCTOR 470nH +-5pct 2.8W- mmX3.4LG-mm	Release	4.0	Each	
N/A	L15, L17, L18, L19, L20	Initial Load	 9140-1105	100	Item	INDUCTOR 1uH +-5pct 3.4W- mmX4.8LG-mm Q=50	Release	5.0	Each	
N/A	L1, L16	Initial Load	 9140-1121	100	Item	INDUCTOR 100uH +-5pct 3.4W- mmX4.8LG-mm	Release	2.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	L5, L7	Initial Load	 9140-1199	101	Item	INDUCTOR 27nH +-10pct 2.8W- mmX3.4LG-mm	Release	2.0	Each	
N/A	L13, L14, L2, L21, L22, L23, L3, L4, L6	Initial Load	 9140-1206	101	Item	INDUCTOR 100nH +-5pct 2.8W- mmX3.4LG-mm	Release	9.0	Each	





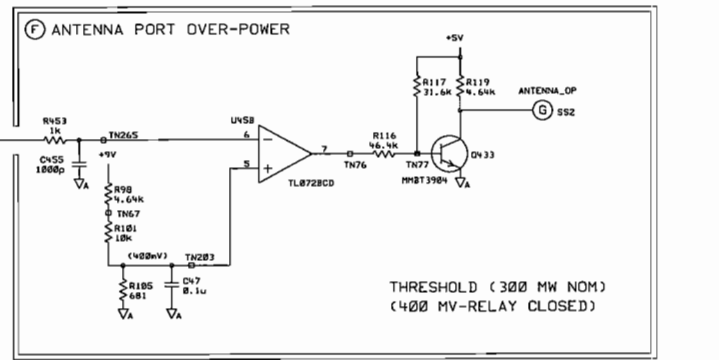
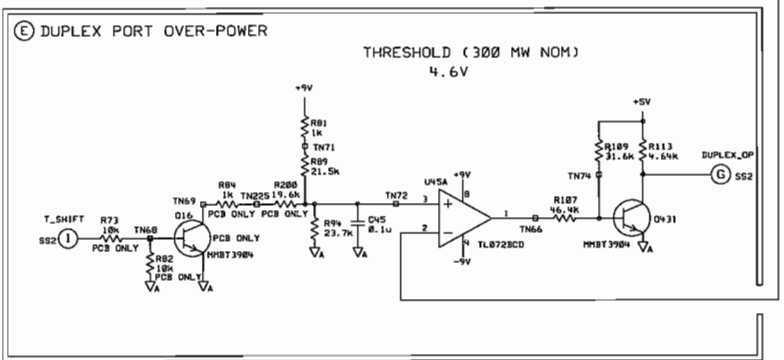
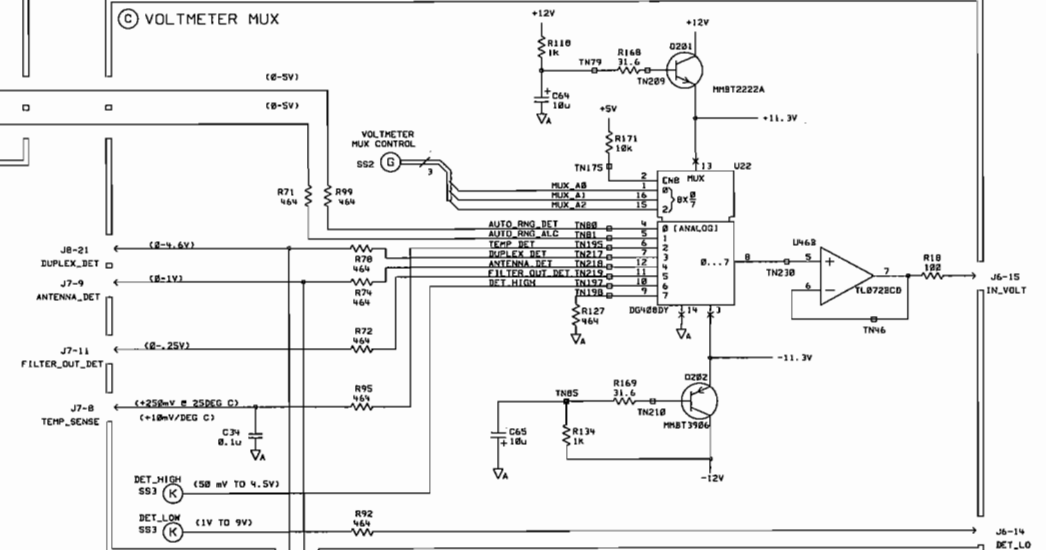
0A-20-P0 2L0A0511+V3A

0A50-S018A



No signal @ Antenna Port
 AUTO_RNG_DET < .2v
 AUTO_RNG_AGC > 4.5v

0dBm @ Antenna Port
 AUTO_RNG_DET > 4.0v
 AUTO_RNG_AGC < 1.0v



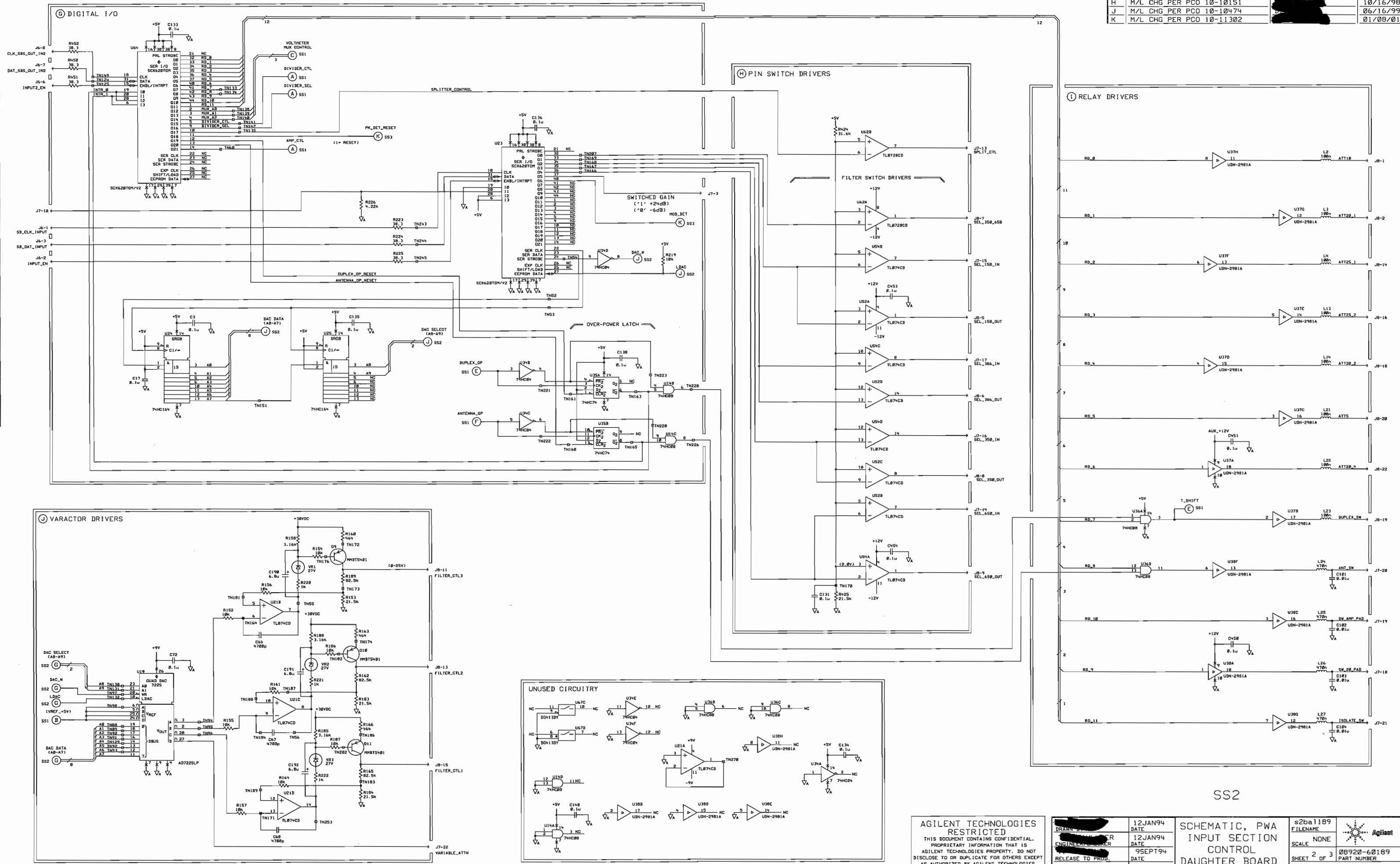
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DESIGNED BY	[Signature]	12JAN94	DATE
ENGINEER/CHECKER	[Signature]	12JAN94	DATE
RELEASE TO PROD.	[Signature]	9SEPT94	DATE
SUPERSEDES DWG.			

SCHEMATIC, PWA INPUT SECTION CONTROL DAUGHTER BOARD		s1b1189 FILENAME	Agilent
TITLE		SCALE NONE	
		SHEET 1 OF 3	08920-60189 PART NUMBER
		D-08920-60189-1	

5300	K-010801-10	D-08920-60189-1
SYM	REVISIONS	APPROVED
H	M/L CHG PER PCO 10-10151	
J	M/L CHG PER PCO 10-10474	
K	M/L CHG PER PCO 10-11302	
		DATE
		10/16/98
		06/16/99
		01/08/01

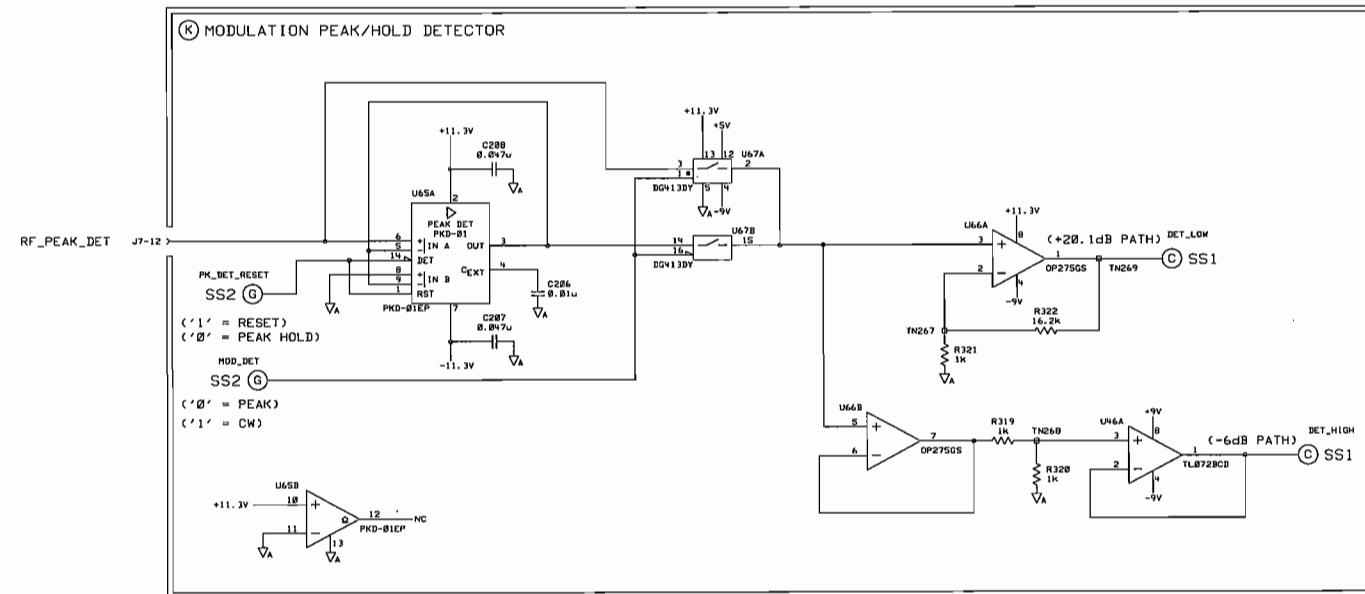


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DATE	12JAN94	FILENAME	s2ba1189
DATE	12JAN94	SCALE	NONE
DATE	9SEPT94	SHEET	2 OF 3
DATE		SHEET	08920-60189
		FILENAME	D-08920-60189-1

SS2

S300	K-010801-10	D-08920-60189-1
SYM	REVISIONS	APPROVED
H	M/L CHG PER PCO 10-10151	[REDACTED]
J	M/L CHG PER PCO 10-10474	[REDACTED]
K	M/L CHG PER PCO 10-11302	[REDACTED]
		DATE
		10/16/98
		06/16/99
		01/08/01



SS3

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	ENGINEER/CHECKER [REDACTED] 12JAN94 DATE		SCALE NONE	
	RELEASE TO PROD. [REDACTED] 9SEPT94 DATE		SHEET 3 OF 3	
	SUPERSEDES DWG.		08920-60189 PART NUMBER	
			D-08920-60189-1 PART NUMBER	

Component-Level Information Packet


A23

INPUT SECTION



























08924-61043 Electronic Input

A23A1


































08924-60218 rev 102: Engineering Bill of Materials




































Mar 3, 2006 9:37:55 AM

 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	C207, C208, C455	Initial Load	 0160-5944	100	Item	CAP-FXD 0.047uF +-10pct 50 V CER X7R	Release	3.0	Each	
N/A	C162	Initial Load	 0160-7183	100	Item	CAP-FXD 1000pF +-10pct 100 V CER X7R	Release	1.0	Each	
N/A	C33	Initial Load	 0160-7405	100	Item	CAP-FXD 560pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C175, C62	Initial Load	 0160-7708	100	Item	CAP-FXD 1000pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C66, C67, C68	Initial Load	 0160-7711	100	Item	CAP-FXD 4700pF +-10pct 50 V CER X7R	Release	3.0	Each	
N/A	C160, C164, C166, C168, C170	Initial Load	 0160-7748	101	Item	CAP-FXD 1000pF +-10PCT 50V CER X7R 0603	Release	5.0	Each	
N/A	C101, C102, C103, C104, C201, C202, C71, C83	Initial Load	 0160-7751	101	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	8.0	Each	
N/A	C127, C128, C13, C131, C132, C133, C134, C135, C136, C138, C14, C140, C161, C17, C18, C189, C2, C20, C203, C204, C205, C22, C23, C25, C26, C27, C28, C3, C30, C31, C32, C34, C35, C37, C4, C45, C450, C451, C453, C454, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C47, C70, C72, C73, C74	Initial Load	 0160-7798	100	Item	CAP-FXD 0.1uF +-10PCT 50V CER X7R	Release	55.0	Each	
N/A	C75	Initial Load	 0160-7835	100	Item	CAP-FXD 100pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C174, C181	Initial Load	 0160-8149	100	Item	CAP-FXD 1uF +- 20pct 100 V CER X7R	Release	2.0	Each	
N/A	C126, C185, C41, C48, C51, C53, C6, C7	Initial Load	 0180-3751	103	Item	CAP-FXD 1uF +- 20PCT 35V TA	Release	8.0	Each	
N/A	C182, C190, C191, C192	Initial Load	 0180-4274	101	Item	CAP-FXD 4.7uF +-20PCT 50V TA	Release	4.0	Each	

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

















N/A	C1, C165, C167, C169, C171, C172, C186, C42, C49, C5, C52, C64, C65, C8, C9	Initial Load	 0180- 4287	102	Item	CAP-FXD 10uF +-20PCT 35V TA	Release	15.0	Each	
N/A	R118, R128, R134, R139, R220, R221, R222, R316, R319, R320, R321, R44, R69, R81	Initial Load	 0699- 1318	100	Item	RESISTOR 1K +- 1pct .125W TKF TC=0+-100	Release	14.0	Each	
N/A	R135	Initial Load	 0699- 1319	100	Item	RESISTOR 12.1K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R180	Initial Load	 0699- 1320	100	Item	RESISTOR 19.6K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R306, R307	Initial Load	 0699- 1327	100	Item	RESISTOR 1M +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R308	Initial Load	 0699- 1330	100	Item	RESISTOR 100K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R173, R182, R60	Initial Load	 0699- 1344	100	Item	RESISTOR 10 +- 1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R100, R190, R59, R61	Initial Load	 0699- 1346	100	Item	RESISTOR 12.1 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R1	Initial Load	 0699- 1348	100	Item	RESISTOR 14.7 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R115, R122	Initial Load	 0699- 1352	100	Item	RESISTOR 21.5 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R130, R132, R136, R137, R168, R169	Initial Load	 0699- 1356	100	Item	RESISTOR 31.6 +-1pct .25W TKF TC=0+-100	Release	6.0	Each	
N/A	R223, R224, R225, R450, R451, R452	Initial Load	 0699- 1358	100	Item	RESISTOR 38.3 +-1pct .125W TKF TC=0+-100	Release	6.0	Each	
N/A	R28, R66	Initial Load	 0699- 1359	100	Item	RESISTOR 42.2 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R68	Initial Load	 0699- 1360	100	Item	RESISTOR 46.4 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R10, R14, R20, R21, R217, R218, R29, R3, R30, R323, R325, R4, R76, R9	Initial Load	 0699- 1361	100	Item	RESISTOR 51.1 +-1pct .125W TKF TC=0+-100	Release	14.0	Each	
N/A	R454, R456	Initial Load	 0699- 1370	100	Item	RESISTOR 1.21K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	


































N/A	R57, R63	Initial Load	 0699-1372	100	Item	RESISTOR 1.47K +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R142	Initial Load	 0699-1374	100	Item	RESISTOR 1.78K +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R314, R54, R56, R65, R67	Initial Load	 0699-1376	100	Item	RESISTOR 2.15K +-1pct .125W TKF TC=0+-100	Release	5.0	Each		
N/A	R158, R185, R188, R313	Initial Load	 0699-1380	100	Item	RESISTOR 3.16K +-1pct .125W TKF TC=0+-100	Release	4.0	Each		
N/A	R226, R303	Initial Load	 0699-1383	100	Item	RESISTOR 4.22K +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R113, R119, R129, R146, R302, R33, R98	Initial Load	 0699-1384	100	Item	RESISTOR 4.64K +-1pct .125W TKF TC=0+-100	Release	7.0	Each		
N/A	R301, R312	Initial Load	 0699-1385	100	Item	RES-FXD 5.11K +-1PCT .125W TC 0+-100	Release	2.0	Each		
N/A	R34	Initial Load	 0699-1386	100	Item	RESISTOR 5.62K +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
N/A	R214, R328	Initial Load	 0699-1388	100	Item	RESISTOR 7.5K +-1pct .125W TKF TC=0+-100	Release	2.0	Each		
N/A	R39	Initial Load	 0699-1389	100	Item	RESISTOR 8.25K +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
N/A	R101, R138, R148, R152, R154, R155, R156, R157, R161, R164, R171, R174, R175, R186, R187, R215, R219, R310, R311, R329, R453, R455, R457	Initial Load	 0699-1391	100	Item	RESISTOR 10K +-1pct .125W TKF TC=0+-100	Release	23.0	Each		
N/A	R179, R318, R46	Initial Load	 0699-1394	100	Item	RESISTOR 14.7K +-1pct .125W TKF TC=0+-100	Release	3.0	Each		
N/A	R322	Initial Load	 0699-1395	100	Item	RES-FXD 16.2KOHM +- 1PCT .125W TC 0+-100	Release	1.0	Each		
N/A	R315	Initial Load	 0699-1396	100	Item	RESISTOR 17.8K +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
N/A	R147, R153, R183, R184, R425, R64, R89	Initial Load	 0699-1398	100	Item	RESISTOR 21.5K +-1pct .125W TKF TC=0+-100	Release	7.0	Each		
N/A	R94	Initial Load	 0699-	100	Item	RESISTOR 23.7K +-1pct .125W	Release	1.0	Each		


























		1399			TKF TC=0+-100						
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
	N/A	R109, R117, R133, R424	Initial Load	0699-1403	100	Item	RESISTOR 31.6K +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
	N/A	R141, R327	Initial Load	0699-1405	100	Item	RESISTOR 38.3K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	N/A	R107, R116	Initial Load	0699-1407	100	Item	RESISTOR 46.4K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	N/A	R162, R165, R189	Initial Load	0699-1413	100	Item	RESISTOR 82.5K +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
	N/A	R103, R104, R110, R111, R18	Initial Load	0699-1415	100	Item	RESISTOR 100 +-1pct .125W TKF TC=0+-100	Release	5.0	Each	
	N/A	R17, R5, R6	Initial Load	0699-1419	100	Item	RESISTOR 147 +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
	N/A	R2, R8	Initial Load	0699-1421	100	Item	RESISTOR 178 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	N/A	R124, R131	Initial Load	0699-1422	100	Item	RESISTOR 196 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	N/A	R16, R47	Initial Load	0699-1423	100	Item	RESISTOR 215 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	N/A	R416, R418, R420, R422	Initial Load	0699-1424	101	Item	RESISTOR-FXD 237 +-1pct .25W TC 0+-100 1206	Release	4.0	Each	
	N/A	R19, R304, R324, R326	Initial Load	0699-1425	100	Item	RESISTOR 261 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
	N/A	R127, R160, R163, R166, R170, R172, R177, R71, R72, R74, R78, R92, R95, R99	Initial Load	0699-1431	100	Item	RESISTOR 464 +-1pct .125W TKF TC=0+-100	Release	14.0	Each	
	N/A	R15, R415, R417, R419, R421, R423	Initial Load	0699-1432	100	Item	RESISTOR 511 +-1pct .125W TKF TC=0+-100	Release	6.0	Each	
	N/A	R105, R37, R43	Initial Load	0699-1435	101	Item	RES-FXD 681 OHM +-1PCT .125W TC 0+-100	Release	3.0	Each	
	N/A	R22, R7	Initial Load	0699-1437	100	Item	RESISTOR 825 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	N/A	R181, R305, R317,	Initial	0699-	100	Item	RESISTOR 147K +-1pct .125W	Release	4.0	Each	

R40 Load 1443 TKF TC=0+-100

 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R24	Initial Load	 0699-3032	100	Item	RESISTOR 511 +-1pct .1W TKF TC=0+-100	Release	1.0	Each	
N/A	R23, R96	Initial Load	 0699-3037	100	Item	RESISTOR 2.15K +-1pct .1W TKF TC=0+-100	Release	2.0	Each	
N/A	R93	Initial Load	 0699-3044	100	Item	RESISTOR 4.64K +-1pct .1W TKF TC=0+-100	Release	1.0	Each	
N/A	R85	Initial Load	 0699-3070	100	Item	RESISTOR 26.1K +-1pct .1W TKF TC=0+-100	Release	1.0	Each	
N/A	R123	Initial Load	 0699-3901	100	Item	RES-FXD 10 +-1PCT .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R210, R211	Initial Load	 0699-3918	101	Item	RES-FXD 51.1 OHM +-1PCT .063W TC 0+-200	Release	2.0	Each	
N/A	R309	Initial Load	 0699-3930	100	Item	RESISTOR 178 +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R62	Initial Load	 0699-3941	100	Item	RESISTOR 511 +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R106, R125, R126, R167	Initial Load	 0699-3955	100	Item	RESISTOR 2.15K +-1pct .063W TKF TC=0+-200	Release	4.0	Each	
N/A	R75	Initial Load	 0699-3963	100	Item	RESISTOR 4.64K +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R11, R13, R178, R80	Initial Load	 0699-3970	100	Item	RESISTOR 10K +-1pct .063W TKF TC=0+-200	Release	4.0	Each	
N/A	R102, R12, R77	Initial Load	 0699-3978	100	Item	RESISTOR 21.5K +-1pct .063W TKF TC=0+-200	Release	3.0	Each	
N/A	MP3	Initial Load	 08920-21010	100	Item	SR 2.18NONE-NONE	Release	1.0	Each	
N/A	U4, U5, U6	Initial Load	 08920-80042	100	Item	1826-2539 SEL	Release	3.0	Each	
N/A	MP1	Initial Load	 08924-20218	100	Item	BLANK PC BOARD	Release	1.0	Each	
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	J7, J8	Initial Load	 1251-5905	102	Item	CONN-HDR VERT 24-PIN 2.54 MM 2 ROW	Release	2.0	Each	

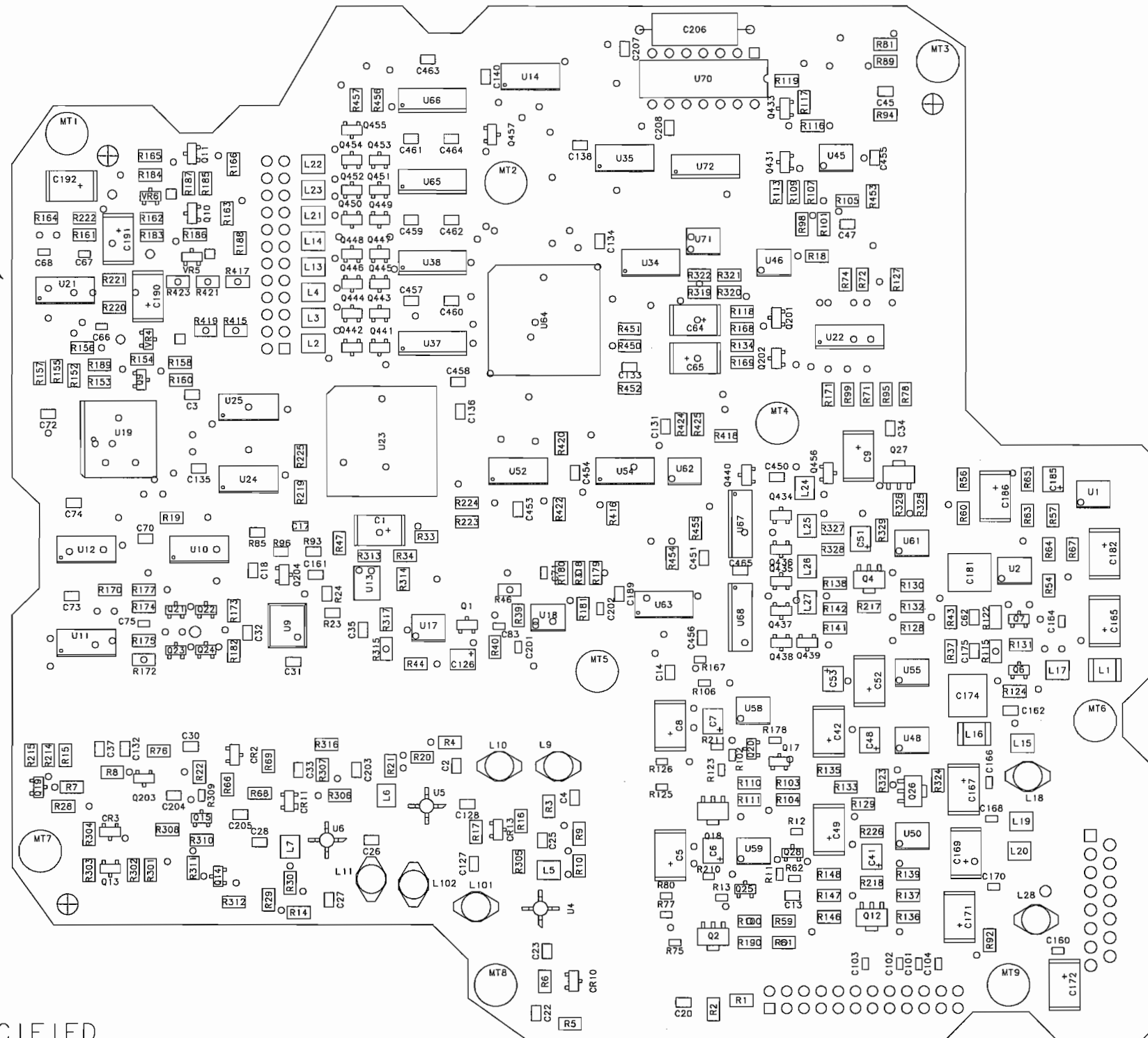
N/A	J6	Initial Load	 1252-3737	101	Item	CONN RECT15MFLTR	Release	1.0	Each	
N/A	U12	Initial Load	 1820-4275	100	Item	IC FF TTL/ALS D-TYPE POS-EDGE-TRIG	Release	1.0	Each	
N/A	U10	Initial Load	 1820-4289	100	Item	IC FF TTL/AS D-TYPE POS-EDGE-TRIG	Release	1.0	Each	
N/A	U11, U63	Initial Load	 1820-4291	100	Item	IC GATE TTL/ALS NAND QUAD 2-INP	Release	2.0	Each	
N/A	U24, U25	Initial Load	 1820-6129	100	Item	IC SHF-RGTR CMOS/HC SYNC/ASYN SERIAL-IN	Release	2.0	Each	
N/A	U23, U64	Initial Load	 1820-6752	100	Item	IC I/O CUSTOM	Release	2.0	Each	
N/A	U14	Initial Load	 1821-1877	100	Item	IC GATE CMOS AND QUAD 2-INP	Release	1.0	Each	
N/A	U35	Initial Load	 1821-2432	100	Item	IC FF CMOS D-TYPE DUAL	Release	1.0	Each	
N/A	U34	Initial Load	 1821-3975	100	Item	IC INV CMOS	Release	1.0	Each	
N/A	U70	Initial Load	 1826-1189	100	Item	PEAK DETECTOR 14 -DIP-P	Release	1.0	Each	
N/A	U1, U13, U2, U48, U50, U55, U58, U59, U61	Initial Load	 1826-1601	100	Item	IC PWR MGT-V-REF-ADJ 2.5/36V 8 PINS	Release	9.0	Each	
N/A	U21, U52, U54	Initial Load	 1826-1622	100	Item	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	Release	3.0	Each	
N/A	U18, U45, U46, U62	Initial Load	 1826-1644	100	Item	IC OP AMP LOW-NOISE DUAL 8 PIN	Release	4.0	Each	
N/A	U19	Initial Load	 1826-1700	100	Item	D/A 8-BIT 28-PLCC CMOS	Release	1.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	U22	Initial Load	 1826-2147	100	Item	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	Release	1.0	Each	
N/A	U17, U71	Initial Load	 1826-3000	100	Item	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	Release	2.0	Each	
N/A	U37, U38, U65, U66, U67, U68, U72	Initial Load	 1826-6575	100	Item	ANLG SW QUAD SPST 16-SOIC TEST	Release	7.0	Each	
	Q13, Q15, Q202, Q435, Q437, Q439,						TRANSISTOR			

N/A	Q442, Q444, Q446, Q448, Q450, Q452, Q454	Initial Load	 1853- 0567	100	Item	PNP SI SOT-23 (TO-236AB)	Release	13.0	Each	
N/A	Q10, Q11, Q9	Initial Load	 1853- 0581	100	Item	TRANSISTOR PNP SI SOT-23 (TO-236AB)	Release	3.0	Each	
N/A	Q27, Q4	Initial Load	 1853- 0609	100	Item	TRANSISTOR PNP SI SOT-89 (TO-243AB)	Release	2.0	Each	
N/A	Q21, Q22	Initial Load	 1853- 0612	100	Item	TRANSISTOR PNP SI SOT-23 (TO-236AB)	Release	2.0	Each	
N/A	Q1, Q14, Q19, Q431, Q433, Q434, Q436, Q438, Q440, Q441, Q443, Q445, Q447, Q449, Q451, Q453, Q455	Initial Load	 1854- 1037	100	Item	TRANSISTOR NPN SI TO- 236AA PD=350MW	Release	17.0	Each	
N/A	Q201	Initial Load	 1854- 1053	100	Item	TRANSISTOR NPN SI SOT-23 (TO-236AB)	Release	1.0	Each	
N/A	Q204	Initial Load	 1854- 1055	101	Item	TRANSISTOR NPN SI SOT-23 PD 300MW FT 4.5GHZ MIN	Release	1.0	Each	
N/A	Q12, Q18, Q2, Q26	Initial Load	 1854- 1094	100	Item	TRANSISTOR NPN SI SOT-89 (TO-243AB)	Release	4.0	Each	
N/A	Q23, Q24	Initial Load	 1854- 1095	100	Item	TRANSISTOR NPN SI SOT-23 (TO-236AB)	Release	2.0	Each	
N/A	Q6, Q7	Initial Load	 1854- 1248	100	Item	TRANSISTOR NPN SI SOT-23 (TO-236AB)	Release	2.0	Each	
N/A	Q17, Q25, Q456, Q457	Initial Load	 1855- 0734	101	Item	TRANSISTOR MOSFET 2N7002 N-CHAN E- MODE	Release	4.0	Each	
N/A	Q20, Q28	Initial Load	 1855- 0798	100	Item	TRANSISTOR MOSFET P-CHAN E-MODE SOT- 23	Release	2.0	Each	
	F/N Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	CR2	Initial Load	 1900- 0096	100	Item	DIODE-PIN	Release	1.0	Each	
N/A	CR11	Initial Load	 1900- 0237	101	Item	D SCH 20V DUAL	Release	1.0	Each	
N/A	CR3	Initial Load	 1901- 1227	100	Item	DIODE- SWITCHING 75V 200MA 6NS TO- 236	Release	1.0	Each	
N/A	VR4, VR5, VR6	Initial	 1902-	100	Item	DIODE-ZNR 27V 5pct TO-236	Release	3.0	Each	

		Load	1656			(SOT-23) PD=.3W					
N/A	C206	Initial Load	 5180-6560	100	Item	LTB 0160-5540	Release	1.0	Each		
N/A	CR10, CR13	Initial Load	 5185-3655	100	Item	LTB1900-0100	Release	2.0	Each		
N/A	U9	Manual	 5185-3672	001	Item	LTB 1820-8959	Release	1.0	Each		
N/A	Q203	Manual	 5185-3689	001	Item	LTB 1853-0768	Release	1.0	Each		
N/A	MP2	Initial Load	 7121-5729	101	Item	LBL-LNE-PTR; 1.5-IN-WD X .25-IN-LG	Release	1.0	Each		
N/A	W1	Initial Load	 8150-3431	101	Item	WIRE 30AWG BL 42V KYNAR-PVF	Release	0.3048	Meter		
N/A	L24, L25, L26, L27	Initial Load	 9140-1101	101	Item	INDUCTOR 470nH +-5pct 2.8W- mmX3.4LG-mm	Release	4.0	Each		
N/A	L1, L16	Initial Load	 9140-1121	100	Item	INDUCTOR 100uH +-5pct 3.4W- mmX4.8LG-mm	Release	2.0	Each		
N/A	L5, L7	Initial Load	 9140-1199	101	Item	INDUCTOR 27nH +-10pct 2.8W- mmX3.4LG-mm	Release	2.0	Each		
N/A	L13, L14, L2, L21, L22, L23, L3, L4, L6	Initial Load	 9140-1206	101	Item	INDUCTOR 100nH +-5pct 2.8W- mmX3.4LG-mm	Release	9.0	Each		
N/A	L15, L17, L19, L20	Initial Load	 9140-1236	101	Item	INDUCTOR 1uH +-5pct 2.8W- mmX3.4LG-mm Q=30	Release	4.0	Each		
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	L10, L101, L102, L11, L18, L28, L9	Initial Load	 9140-2184	100	Item	INDUCTOR 4.7uH +20pct - 20pct	Release	7.0	Each		

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PC0 11158		8-15-00

MP 1



NOTES UNLESS OTHERWISE SPECIFIED

1. THERE ARE PARTS THAT ARE NOT LOADED ON THIS ASSEMBLY. REFER TO PIC DATA FOR REFERENCE DESIGNATORS.

PADMASTER

TOPSIDE

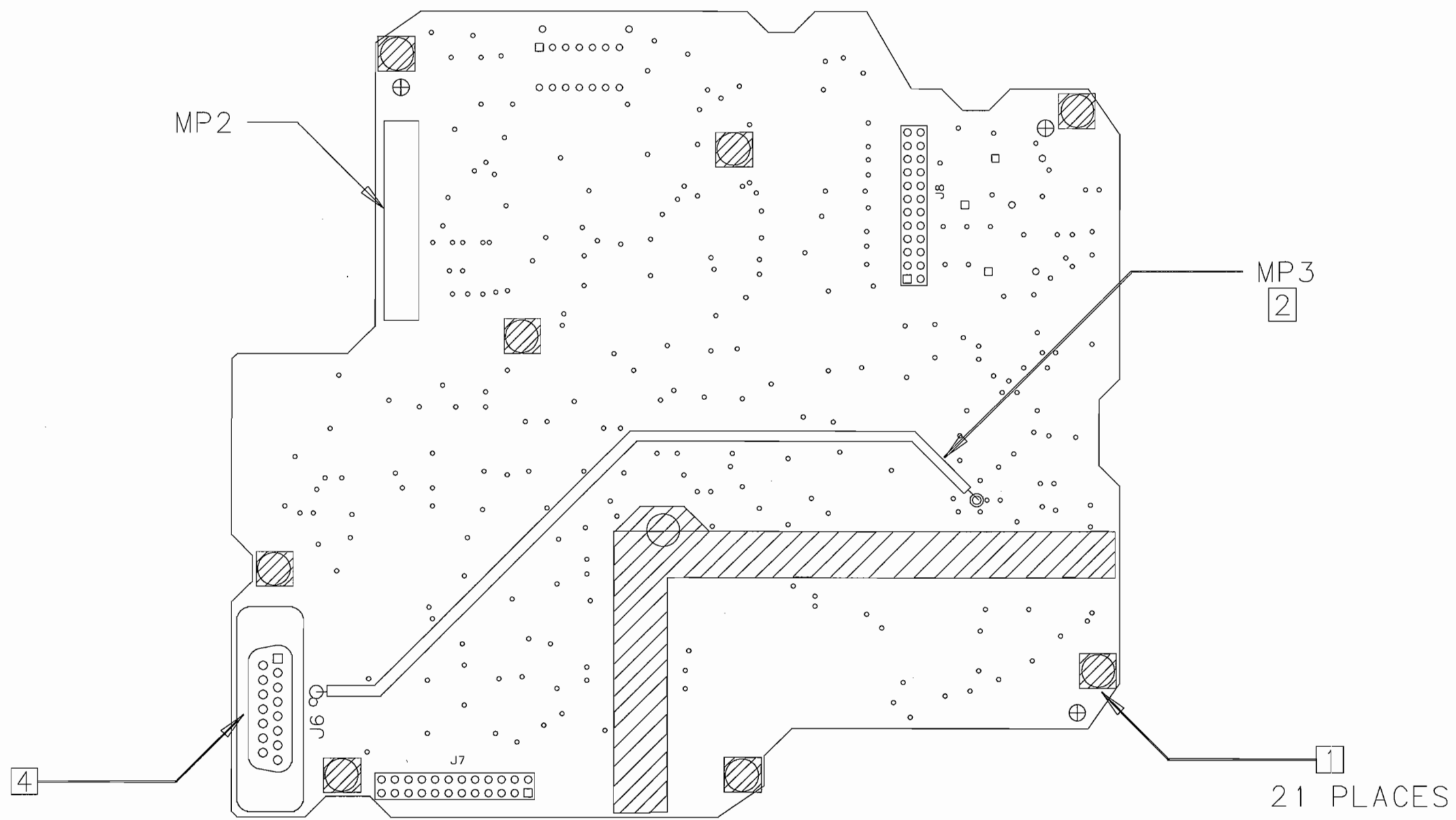
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DRAWN BY	DATE	01-07-00
TOLERANCES: XX.XXX .010 XX.XX .02	ENGINEER/CHECKER	DATE	01-07-00
THIRD ANGLE PROJECTION	RELEASE TO PROD.	DATE	8-15-00
DO NOT SCALE THIS DRAWING	SUPERSEDES DWG.		

ASSEMBLY, PWA
ELECTRONIC
INPUT SECTION

ASMTOP1 FILENAME	Agilent
SCALE NONE	
SHEET 1 OF 3	08924-60218
	PART NUMBER
D-08924-60218-2	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 11158	[REDACTED]	8-15-00



92TAMDA9

NOTES UNLESS OTHERWISE SPECIFIED

- 1 AREAS SHOWN HATCHED ARE TO REMAIN FREE OF EXCESS SOLDER.
- 2 POSITION MP3 APPROXIMATELY AS SHOWN AND SOLDER IN PLACE AT E1 AND E2, SECURE IN PLACE BY SOLDERING TO THE 7 OPEN SQUARE PADS MARKED GND.
- 3. HAND SOLDER J6, J7, J8 AS SHOWN.
- 4 USE TOOLING FIXTURE T-319075 FOR MOUNTING J6.

BOTTOMSIDE

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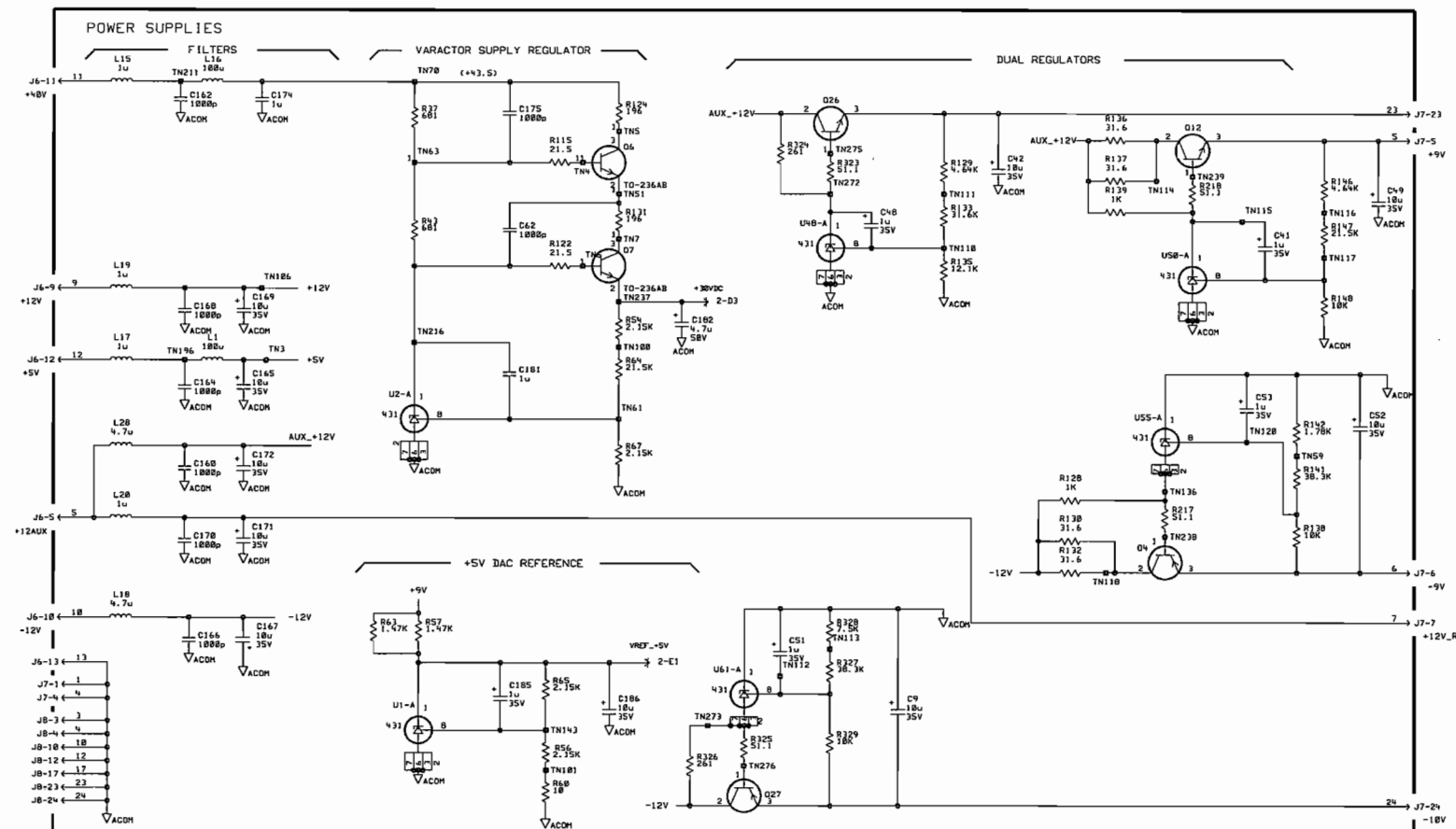
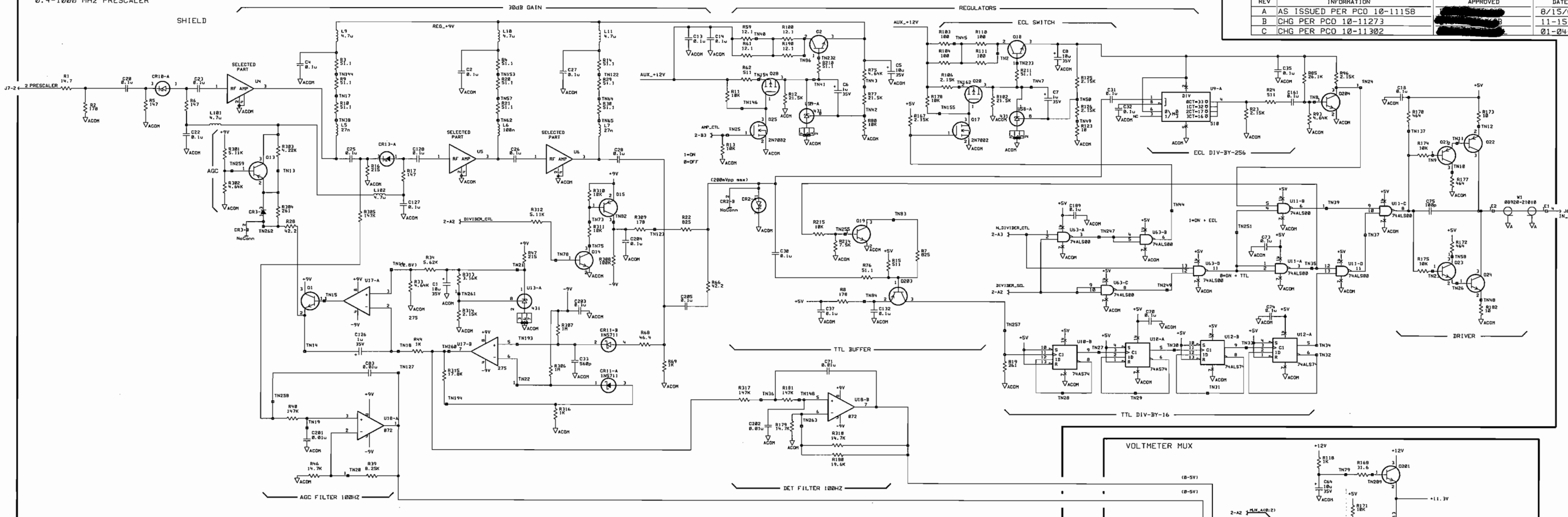
UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES: XX.XXX .010
 XX.XX .02
THIRD ANGLE
PROJECTION
DO NOT SCALE THIS DRAWING

R. LARSEN
DRAWN BY
DATE 01-07-00
[REDACTED]
CHECKER
DATE 01-07-00
[REDACTED]
DATE 8-15-00
RELEASE TO PROD.
SUPERSEDES DWG.

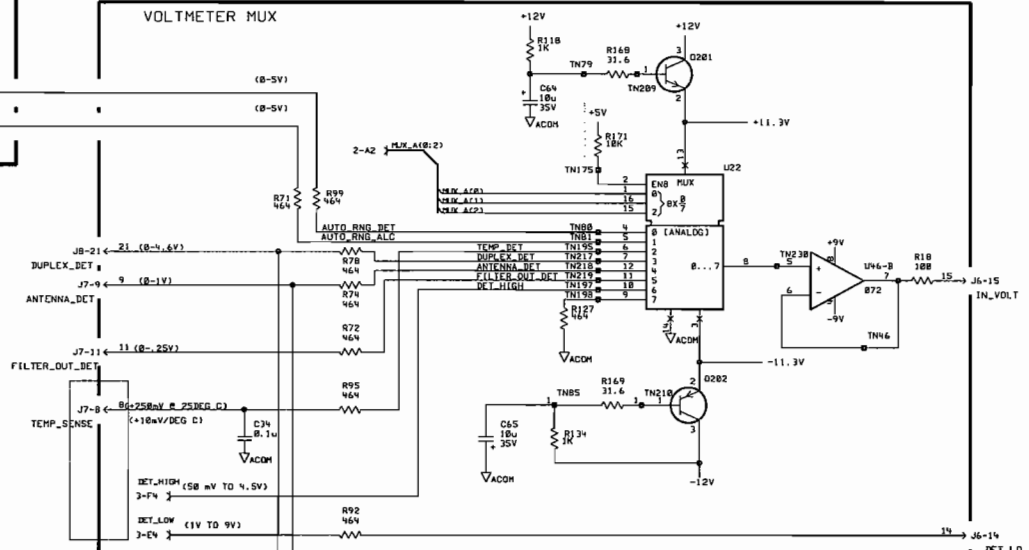
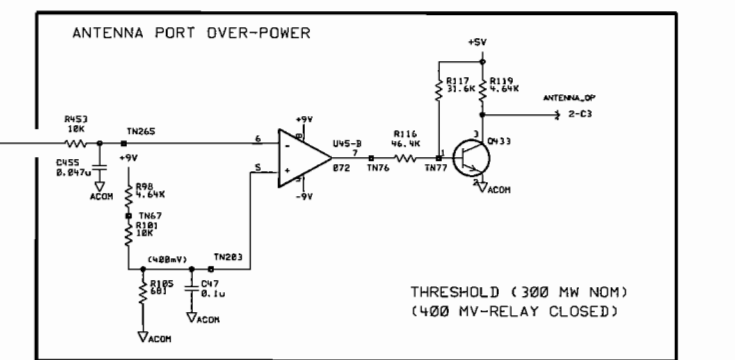
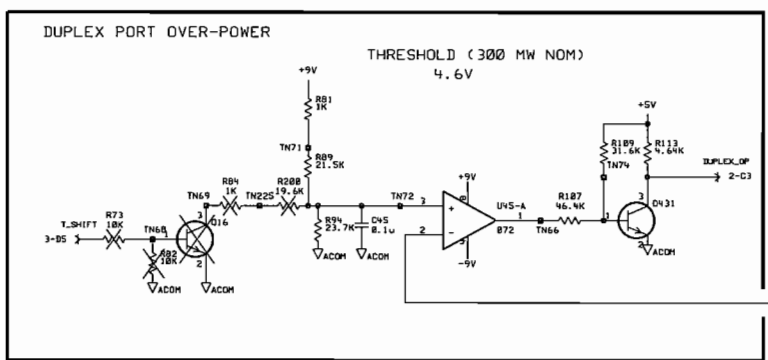
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INPUT SECTION
TITLE

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SHEET 3 OF 3
PART NUMBER
D-08924-60218-2

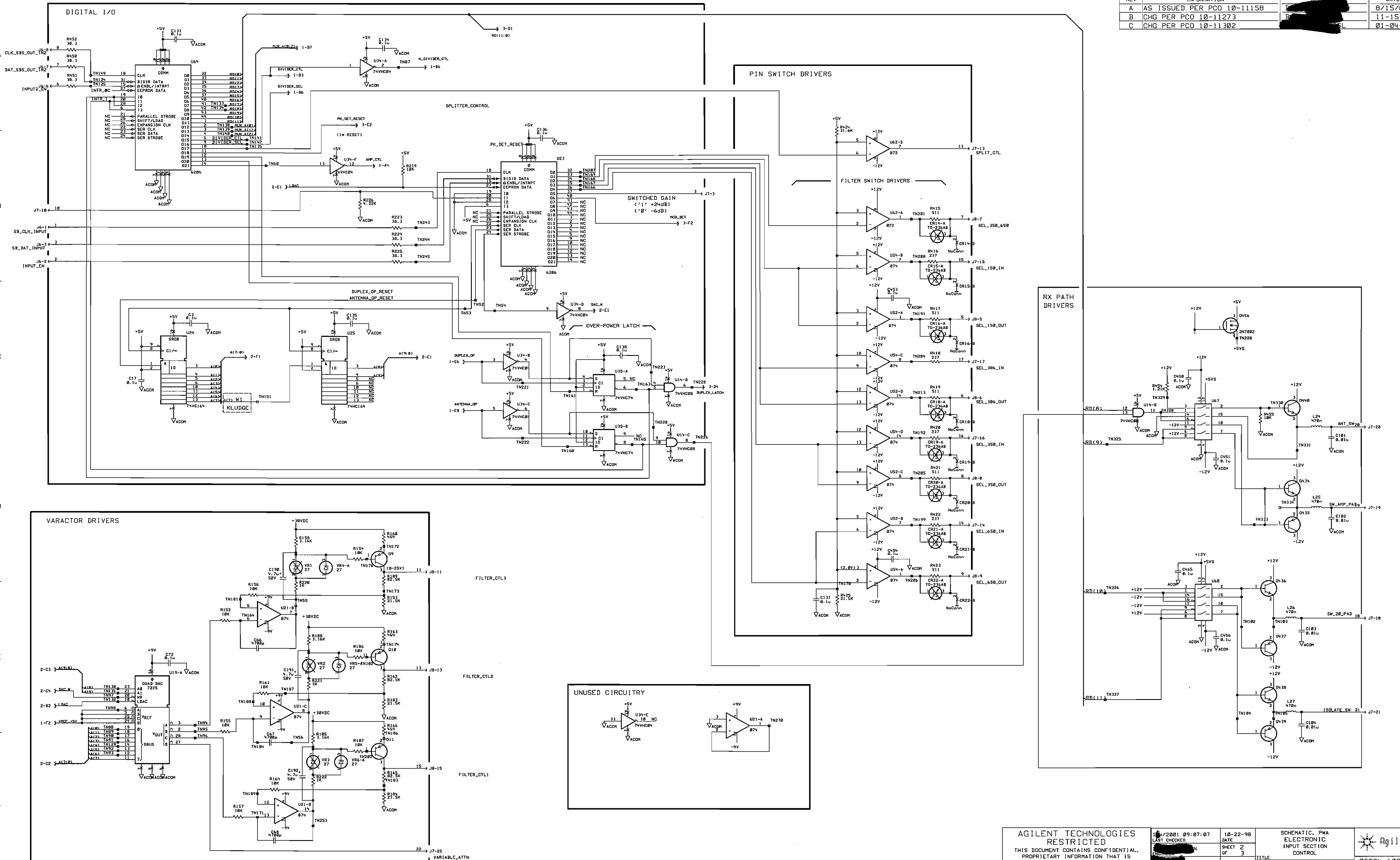
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B	CHG PER PCO 10-11273	[Signature]	11-15-00
C	CHG PER PCO 10-11302	[Signature]	01-04-01



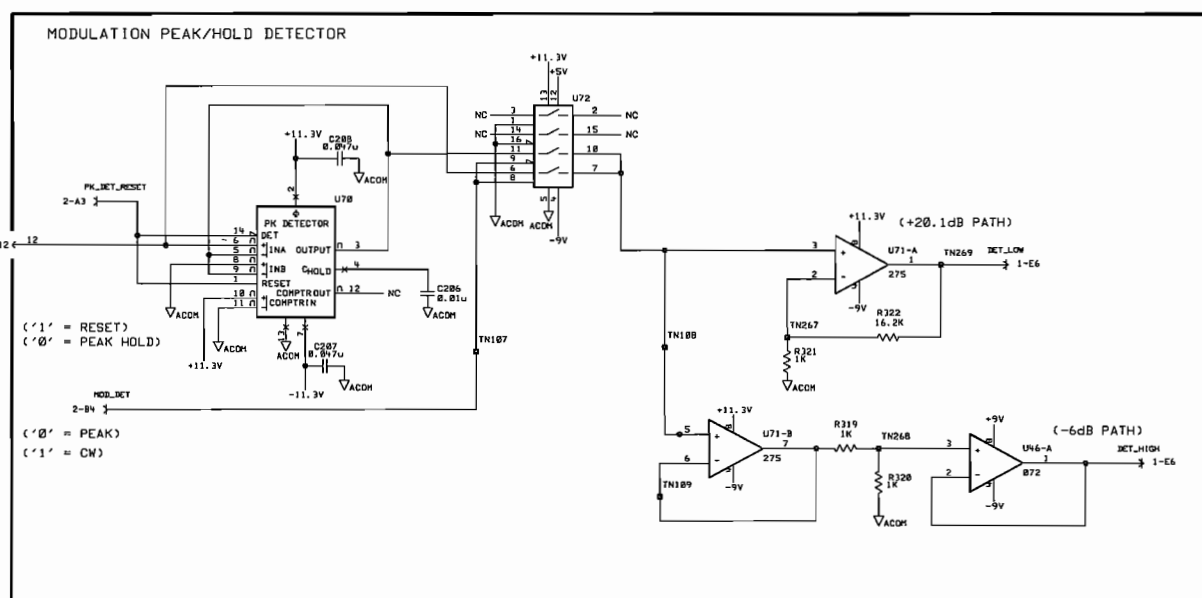
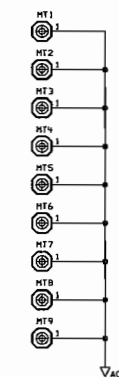
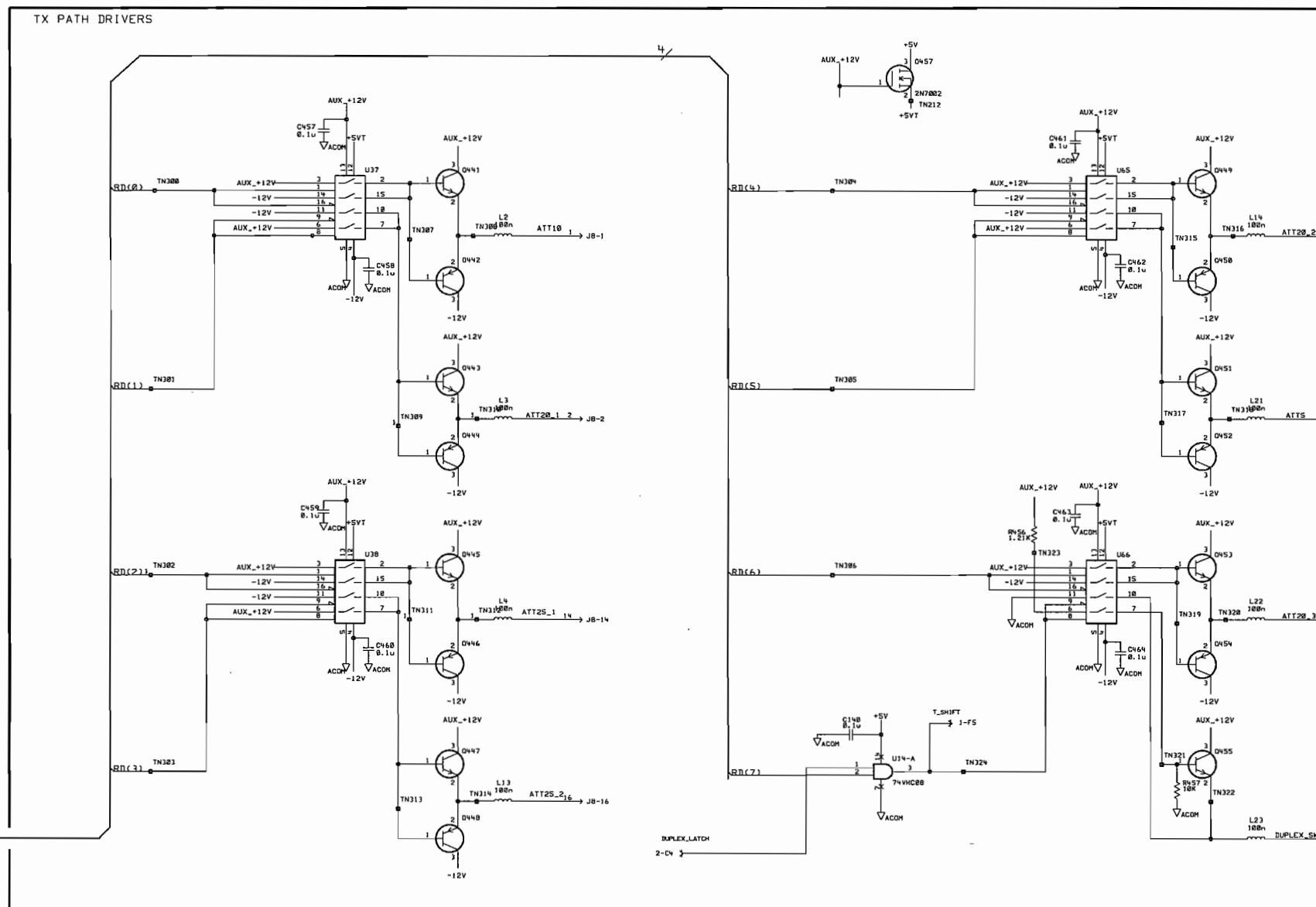
No signal @ Antenna Port
 AUTO_RNG_DET < .2v
 AUTO_RNG_AGC > 4.5v
 0dBm @ Antenna Port
 AUTO_RNG_DET > 4.0v
 AUTO_RNG_AGC < 1.0v




REV	INFORMATION	APPROVED	DATE
A	AS ISSUED PER PCO 10-11158		07/15/00
B	CHG PER PCO 10-11273		11-15-00
C	CHG PER PCO 10-11302		01-04-01



























REV	INFORMATION	APPROVED	DATE
A	AS ISSUED PER PCO 10-11158	[REDACTED]	8/15/00
B	CHG PER PCO 10-11273	[REDACTED]	11-15-00
C	CHG PER PCO 10-11302	[REDACTED]	01-04-01



08924-60217 rev 101: Engineering Bill of Materials






























Mar 3, 2006 9:18:07 AM












 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	CR341, CR343, CR344, CR345, CR346	Initial Load	 0122-0175	100	Item	DIODE-VVC 1.8PF 10pct C 1/C28-TYP=9.7	Release	5.0	Each	
N/A	C10, C469, C470, C471, C473, C474, C6, C9	Initial Load	 0160-5944	100	Item	CAP-FXD 0.047uF +-10pct 50 V CER X7R	Release	8.0	Each	
N/A	C2, C4	Initial Load	 0160-5951	100	Item	CAP-FXD 390pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C328, C330, C337, C341	Initial Load	 0160-5962	100	Item	CAP-FXD 15pF +-5pct 50 V CER COG	Release	4.0	Each	
N/A	C334, C336	Initial Load	 0160-5963	100	Item	CAP-FXD 18pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C326, C327, C408, C410, C415, C417, C421, C423, C427, C429, C433, C435, C439, C441, C445, C448, C449, C454, C456, C457, C458, C459, C460, C463, C464, C465, C466, C467	Initial Load	 0160-5967	100	Item	CAP-FXD 100pF +-5pct 50 V CER COG	Release	28.0	Each	
N/A	C352, C354	Initial Load	 0160-5971	100	Item	CAP-FXD 4.7pF +-10.64pct 50 V CER COG	Release	2.0	Each	
N/A	C319, C320	Initial Load	 0160-5972	100	Item	CAP-FXD 5.6pF 50 V CER COG	Release	2.0	Each	
N/A	C322, C323, C332, C335, C339, C342	Initial Load	 0160-5975	100	Item	CAP-FXD 10pF +-5pct 50 V CER COG	Release	6.0	Each	
N/A	C215, C386	Initial Load	 0160-6097	100	Item	CAP-FXD 560pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C331, C348, C358	Initial Load	 0160-6099	100	Item	CAP-FXD 820pF +-5pct 50 V CER COG	Release	3.0	Each	
N/A	C333, C368, C385, C387	Initial Load	 0160-6100	101	Item	CAP-FXD 1000pF +-5pct 50 V CER COG	Release	4.0	Each	
N/A	C237, C329, C340, C344, C359, C361	Initial Load	 0160-6104	100	Item	CAP-FXD 2200pF +-5pct 50 V CER COG	Release	6.0	Each	


































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





















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
















N/A	C213, C216, C301, C303, C305, C307, C309, C311, C313, C314, C321, C338, C346, C350, C362, C363, C367, C370, C372, C373, C374, C375, C377, C380, C381, C383, C384, C393, C402, C403, C455, C461, C468	Initial Load	 0160-6222	100	Item	CAP-FXD 0.1uF +-10pct 50 V CER X7R	Release	42.0	Each	
N/A	C316, C318, C347, C356, C360, C364, C365, C371, C376	Initial Load	 0160-6735	100	Item	CAP-FXD 4700pF +-10pct 50 V CER X7R	Release	9.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	C202, C203, C315, C317, C343, C401, C404, C405, C406, C407, C409, C412, C413, C414, C416, C418, C419, C420, C422, C424, C425, C426, C428, C430, C431, C432, C434, C436, C437, C438, C440, C442, C443, C444, C446, C450, C451, C452, C453	Initial Load	 0160-6736	100	Item	CAP-FXD 0.01uF +-10pct 50 V CER X7R	Release	39.0	Each	
N/A	C204, C205, C221	Initial Load	 0160-7333	100	Item	CAP-FXD 0.068uF +-10pct 50 V CER X7R	Release	3.0	Each	
N/A	C325	Initial Load	 0160-7371	100	Item	CAP-FXD 5pF +- .25pF 50 V CER COG	Release	1.0	Each	
N/A	C1, C3	Initial Load	 0160-7377	100	Item	CAP-FXD 30pF +-5pct 50 V CER COG	Release	2.0	Each	
N/A	C5	Initial Load	 0160-7708	100	Item	CAP-FXD 1000pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C100, C101, C104, C105, C106, C200, C214, C472	Initial Load	 0160-7798	100	Item	CAP-FXD 0.1uF +-10PCT 50V CER X7R	Release	8.0	Each	
N/A	C212, C7	Initial Load	 0160-7830	100	Item	CAP-FXD 1pF +-25pct 50 V CER COG	Release	2.0	Each	
N/A	C462	Initial Load	 0160-7835	100	Item	CAP-FXD 100pF +-5pct 50 V CER COG	Release	1.0	Each	
N/A	C108	Initial Load	 0180-3751	103	Item	CAP-FXD 1uF +-20PCT 35V TA	Release	1.0	Each	
N/A	C109, C379	Initial Load	 0180-4287	102	Item	CAP-FXD 10uF +-20PCT 35V TA	Release	2.0	Each	
N/A	K1, K3	Initial Load	 0490-1653	100	Item	RELAY 2C 12VDC-COIL 1A	Release	2.0	Each	
































28VDC







































N/A	R130, R132, R18, R19, R417, R418, R423, R424, R429, R430, R435, R436, R441, R442, R447, R448, R453, R454, R463, R466	Initial Load	 0699- 1318	100	Item	RESISTOR 1K +- 1pct .125W TKF TC=0+-100	Release	20.0	Each	
N/A	R385, R398, R402	Initial Load	 0699- 1319	100	Item	RESISTOR 12.1K +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R153	Initial Load	 0699- 1332	100	Item	RESISTOR 196K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R137, R138	Initial Load	 0699- 1344	100	Item	RESISTOR 10 +- 1pct .125W TKF TC=0+-100	Release	2.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R200, R201, R202, R203, R204, R205, R207, R208, R210, R267	Initial Load	 0699- 1346	100	Item	RESISTOR 12.1 +-1pct .125W TKF TC=0+-100	Release	10.0	Each	
N/A	R206, R209, R211, R214, R215, R217	Initial Load	 0699- 1348	100	Item	RESISTOR 14.7 +-1pct .125W TKF TC=0+-100	Release	6.0	Each	
N/A	R232	Initial Load	 0699- 1349	100	Item	RESISTOR 16.2 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R274	Initial Load	 0699- 1350	100	Item	RESISTOR 17.8 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R212, R213, R216, R218	Initial Load	 0699- 1351	100	Item	RESISTOR 19.6 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R253	Initial Load	 0699- 1354	100	Item	RESISTOR 26.1 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R246	Initial Load	 0699- 1355	100	Item	RESISTOR 28.7 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R247, R248	Initial Load	 0699- 1356	100	Item	RESISTOR 31.6 +-1pct .25W TKF TC=0+-100	Release	2.0	Each	
N/A	R228	Initial Load	 0699- 1357	100	Item	RESISTOR 34.8 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R106, R108	Initial Load	 0699- 1359	100	Item	RESISTOR 42.2 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R397	Initial Load	 0699- 1360	100	Item	RESISTOR 46.4 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
	R140, R242, R244,	Initial	0699-			RESISTOR 51.1				





























N/A	R396	Load	 1361	100	Item	+ -1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R280, R282	Initial Load	 0699-1365	100	Item	RESISTOR 75 +- 1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R103, R105, R107, R109	Initial Load	 0699-1366	100	Item	RESISTOR 82.5 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R486, R487	Initial Load	 0699-1369	100	Item	RESISTOR 1.1K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
	F/N Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R415, R416, R421, R422, R427, R428, R433, R434, R439, R440, R445, R446, R451, R452	Initial Load	 0699-1374	100	Item	RESISTOR 1.78K +-1pct .125W TKF TC=0+-100	Release	14.0	Each	
N/A	R477	Initial Load	 0699-1375	100	Item	RESISTOR 1.96K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R374	Initial Load	 0699-1377	100	Item	RESISTOR 2.37K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R142	Initial Load	 0699-1378	100	Item	RESISTOR 2.61K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R377	Initial Load	 0699-1380	100	Item	RESISTOR 3.16K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R36, R37	Initial Load	 0699-1385	100	Item	RES-FXD 5.11K +-1PCT .125W TC 0+-100	Release	2.0	Each	
N/A	R141, R33, R384, R400, R401	Initial Load	 0699-1388	100	Item	RESISTOR 7.5K +-1pct .125W TKF TC=0+-100	Release	5.0	Each	
N/A	R221, R355, R359	Initial Load	 0699-1389	100	Item	RESISTOR 8.25K +-1pct .125W TKF TC=0+-100	Release	3.0	Each	
N/A	R277, R278, R279, R357, R358, R361, R364, R409, R410, R411	Initial Load	 0699-1391	100	Item	RESISTOR 10K +-1pct .125W TKF TC=0+-100	Release	10.0	Each	
N/A	R489	Initial Load	 0699-1398	100	Item	RESISTOR 21.5K +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R259, R284	Initial Load	 0699-1410	100	Item	RESISTOR 61.9K +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R154, R155, R17, R449, R450, R475, R484, R485, R488, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509,	Initial Load	 0699-1415	100	Item	RESISTOR 100 +-1pct .125W TKF TC=0+-100	Release	23.0	Each	



























 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R100, R101, R102, R104, R391, R392, R407, R408	Initial Load	 0699-1417	100	Item	RESISTOR 121 +-1pct .125W TKF TC=0+-100	Release	8.0	Each	
N/A	R300, R304	Initial Load	 0699-1418	100	Item	RESISTOR 133 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R110, R111, R112, R149, R150, R151, R152, R371, R373, R387, R388, R389, R405, R406, R455, R456, R457, R458, R459, R460, R461	Initial Load	 0699-1419	100	Item	RESISTOR 147 +-1pct .125W TKF TC=0+-100	Release	21.0	Each	
N/A	R139, R368, R369, R370	Initial Load	 0699-1421	100	Item	RESISTOR 178 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R235	Initial Load	 0699-1425	100	Item	RESISTOR 261 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R233, R234	Initial Load	 0699-1427	100	Item	RESISTOR 316 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R395, R516	Initial Load	 0699-1431	100	Item	RESISTOR 464 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R231, R30, R350, R351, R352, R354, R363, R365, R366, R367, R378	Initial Load	 0699-1432	100	Item	RESISTOR 511 +-1pct .125W TKF TC=0+-100	Release	11.0	Each	
N/A	R272, R273, R275, R276	Initial Load	 0699-1433	100	Item	RESISTOR 562 +-1pct .125W TKF TC=0+-100	Release	4.0	Each	
N/A	R114, R115	Initial Load	 0699-1434	100	Item	RES-FXD 619 OHM +-1PCT 0.125W TC 0+- 100 1206	Release	2.0	Each	
N/A	R223, R380	Initial Load	 0699-1435	101	Item	RES-FXD 681 OHM +- 1PCT .125W TC 0+-100	Release	2.0	Each	
N/A	R281, R283	Initial Load	 0699-1436	100	Item	RESISTOR 750 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R15	Initial Load	 0699-1437	100	Item	RESISTOR 825 +-1pct .125W TKF TC=0+-100	Release	1.0	Each	
N/A	R31, R32	Initial Load	 0699-1438	100	Item	RESISTOR 909 +-1pct .125W TKF TC=0+-100	Release	2.0	Each	
N/A	R255	Initial Load	 0699-	100	Item	RESISTOR 121K +-1pct .125W	Release	1.0	Each	

		1440			TKF TC=0+-100						
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M		
N/A	R353, R356, R360	Initial Load	 0699-1503	100	Item	RESISTOR 0 CWM	Release	3.0	Each		
N/A	R222	Initial Load	 0699-1785	100	Item	RESISTOR 13.3K +-1pct .125W TKF TC=0+-100	Release	1.0	Each		
N/A	R27	Initial Load	 0699-2829	100	Item	RES-FXD 500HM +-0.1PCT .125W TC 0+-25	Release	1.0	Each		
N/A	R250, R251, R252	Initial Load	 0699-2831	100	Item	RES-FXD 150 OHM +-0.1PCT .125W TC 0+-25	Release	3.0	Each		
N/A	R309	Initial Load	 0699-3365	100	Item	RESISTOR 56.2 +-1pct .065W TKF TC=0+-200	Release	1.0	Each		
N/A	R319, R329	Initial Load	 0699-3915	100	Item	RESISTOR 38.3 +-1pct .063W TKF TC=0+-200	Release	2.0	Each		
N/A	R308	Initial Load	 0699-3918	101	Item	RES-FXD 51.1 OHM +-1PCT .063W TC 0+-200	Release	1.0	Each		
N/A	R113	Initial Load	 0699-3921	101	Item	RES-FXD 75 OHM +-1PCT 0.063W TC 0+-200	Release	1.0	Each		
N/A	R3, R4	Initial Load	 0699-3922	100	Item	RESISTOR 82.5 +-1PCT .063W TKF TC=0+-200	Release	2.0	Each		
N/A	R318, R321, R328, R331	Initial Load	 0699-3923	100	Item	RESISTOR 90.9 +-1pct .063W TKF TC=0+-200	Release	4.0	Each		
N/A	R339	Initial Load	 0699-3925	100	Item	RESISTOR 110 +-1pct .063W TKF TC=0+-200	Release	1.0	Each		
N/A	R341	Initial Load	 0699-3926	100	Item	RESISTOR 121 +-1pct .063W TKF TC=0+-200	Release	1.0	Each		
N/A	R301, R305, R312, R313, R316, R317, R344, R345, R348, R349, R468, R469, R472, R474	Initial Load	 0699-3927	100	Item	RESISTOR 133 +-1pct .063W TKF TC=0+-200	Release	14.0	Each		
N/A	R340	Initial Load	 0699-3930	100	Item	RESISTOR 178 +-1pct .063W TKF TC=0+-200	Release	1.0	Each		
N/A	R156, R157, R320, R322, R323, R324, R330, R332, R333, R334	Initial Load	 0699-3931	100	Item	RESISTOR 196 +-1pct .063W TKF TC=0+-200	Release	10.0	Each		

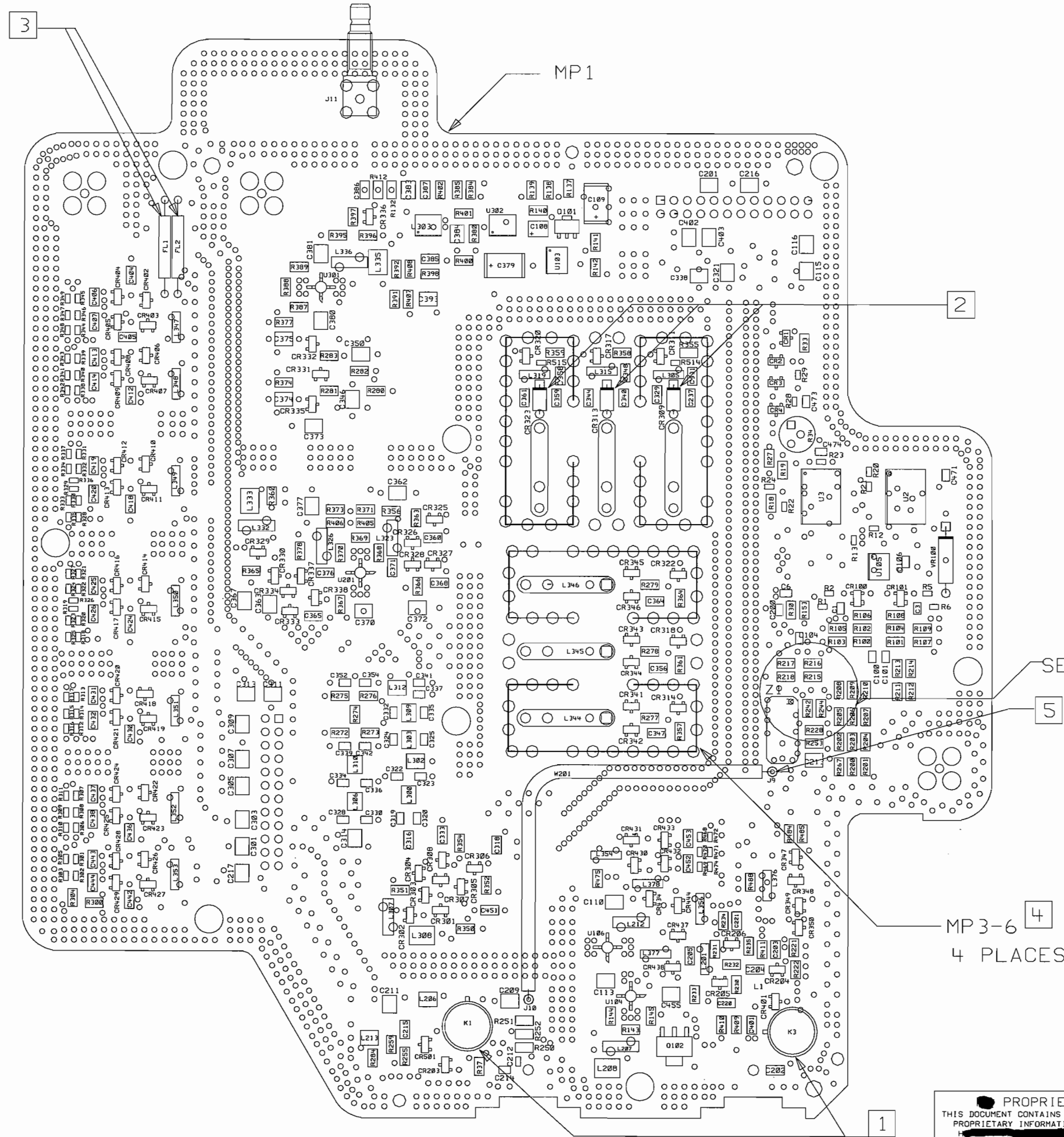
N/A	R338	Initial Load	 0699-3932	100	Item	RESISTOR 215 +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R342	Initial Load	 0699-3933	100	Item	RESISTOR 237 +-1PCT .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R482, R483	Initial Load	 0699-3938	100	Item	RESISTOR 383 +-1pct .063W TKF TC=0+-200	Release	2.0	Each	
	F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M
N/A	R306, R307, R310, R311	Initial Load	 0699-3939	100	Item	RESISTOR 422 +-1pct .063W TKF TC=0+-200	Release	4.0	Each	
N/A	R302	Initial Load	 0699-3940	100	Item	RES-FXD 464 +- 1PCT .063W TKF TC 0+-200	Release	1.0	Each	
N/A	R303, R314, R315, R346, R347, R470, R471	Initial Load	 0699-3941	100	Item	RESISTOR 511 +-1pct .063W TKF TC=0+-200	Release	7.0	Each	
N/A	R26	Initial Load	 0699-3944	100	Item	RESISTOR 750 +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R24, R25	Initial Load	 0699-3945	100	Item	RESISTOR 825 +-1pct .063W TKF TC=0+-200	Release	2.0	Each	
N/A	R38, R39, R467, R473	Initial Load	 0699-3947	100	Item	RESISTOR 1K +- 1pct .063W TKF TC=0+-200	Release	4.0	Each	
N/A	R20	Initial Load	 0699-3949	100	Item	RESISTOR 1.21K +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	R514, R515	Initial Load	 0699-3953	100	Item	RESISTOR 1.78K +-1pct .063W TKF TC=0+-200	Release	2.0	Each	
N/A	R13, R14, R21	Initial Load	 0699-3959	100	Item	RESISTOR 3.16K +-1PCT .063W TKF TC=0+-200	Release	3.0	Each	
N/A	R22, R23	Initial Load	 0699-3962	100	Item	RESISTOR 4.22K +-1pct .063W TKF TC=0+-200	Release	2.0	Each	
N/A	R28, R29	Initial Load	 0699-3964	100	Item	RESISTOR 5.11K +-1pct .063W TKF TC=0+-200	Release	2.0	Each	
N/A	R10, R11, R12, R7, R8, R9	Initial Load	 0699-3970	100	Item	RESISTOR 10K +-1pct .063W TKF TC=0+-200	Release	6.0	Each	
N/A	R1, R2, R5, R6	Initial Load	 0699-3990	100	Item	RES-FXD 75K +- 1PCT 0.063W TC 0+-200 0603	Release	4.0	Each	
N/A	R16	Initial Load	 0699-3993	100	Item	RESISTOR 100K +-1pct .063W TKF TC=0+-200	Release	1.0	Each	
						RESISTOR 147K				

 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	R35	Initial Load	 0699-3997	100	Item	+/-1pct .063W TKF TC=0+-200	Release	1.0	Each	
N/A	L301, L304, L318	Initial Load	 08920-00032	100	Item	INDUCTOR 350-650 MHz FILTER	Release	3.0	Each	
N/A	MP3, MP4, MP5, MP6	Initial Load	 08920-00037	100	Item	SHIELD, FILTER	Release	4.0	Each	
N/A	L344, L345, L346	Initial Load	 08920-61043	100	Item	20NHAIR CORE AY	Release	3.0	Each	
N/A	U104, U201	Initial Load	 08920-80042	100	Item	1826-2539 SEL	Release	2.0	Each	
N/A	MP1	Initial Load	 08924-20217	100	Item	BD RMS DNPT SECT	Release	1.0	Each	
N/A	Z1	Initial Load	 0955-0657	100	Item	U-WAVE POWER SPLITTER 2 GHZ MAX	Release	1.0	Each	
N/A	J1, J4, J5	Initial Load	 1250-0835	102	Item	CONNECTOR-RF SMC MALE PC-W-STDFS 50-OHM	Release	3.0	Each	
N/A	J11	Initial Load	 1250-1425	101	Item	CONNECTOR-RF SMC MALE SGL-HOLE-RR 50-OHM	Release	1.0	Each	
N/A	J7, J8	Initial Load	 1252-3826	100	Item	CONN-POST TYPE .100-PIN-SPCG-MTG-END	Release	2.0	Each	
N/A	J9, J10	Manual	 1253-6643	001	Item	CONN-SGL CONT SKT BASIC SIZE 0.021-IN DIA	Release	2.0	Each	
N/A	U103, U302	Initial Load	 1826-1601	100	Item	IC PWR MGT-V-REF-ADJ 2.5/36V 8 PINS	Release	2.0	Each	
N/A	U303	Initial Load	 1826-1862	100	Item	IC OP AMP LOW-BIAS-H-IMPD DUAL 8-SOIC	Release	1.0	Each	
N/A	U4	Initial Load	 1826-2145	100	Item	ANALOG SWITCH 4 SPST 16 -P-SOIC	Release	1.0	Each	
N/A	U106	Initial Load	 1826-2168	100	Item	IC RF/IF AMPL HIGH-GAIN SINGLE 4 PIN	Release	1.0	Each	
N/A	U301	Initial Load	 1826-2175	104	Item	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	Release	1.0	Each	
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	U105	Initial Load	 1826-2261	100	Item	IC TEMP XDCR PRCN SINGLE 8 PIN	Release	1.0	Each	

N/A	U1, U2, U3	Initial Load	 1826-2803	100	Item	IC OP AMP HS QUAD 16 PIN PLSTC-SOIC	Release	3.0	Each	
N/A	Q101	Initial Load	 1854-1094	100	Item	TRANSISTOR NPN SI SOT-89 (TO-243AB)	Release	1.0	Each	
N/A	Q102	Initial Load	 1854-1270	101	Item	TRANSISTOR NPN SI TO-261AA (SOT-223)	Release	1.0	Each	
N/A	CR1	Initial Load	 1900-0074	100	Item	DIODE-SCHOTTKY SM SIG	Release	1.0	Each	
N/A	CR203, CR204, CR336, CR401, CR501	Initial Load	 1900-0078	100	Item	DIODE-SCHOTTKY SM SIG	Release	5.0	Each	
N/A	CR205, CR206, CR301, CR303, CR305, CR307, CR326, CR328, CR330, CR334, CR337, CR347, CR348, CR349, CR350, CR430, CR431, CR432, CR433, CR434, CR437, CR438, CR444	Initial Load	 1900-0096	100	Item	DIODE-PIN	Release	23.0	Each	
N/A	CR100, CR101	Initial Load	 1900-0296	100	Item	DIODE-SCHOTTKY SM SIG	Release	2.0	Each	
N/A	CR402, CR403, CR404, CR405, CR406, CR407, CR408, CR409, CR410, CR411, CR412, CR413, CR414, CR415, CR416, CR417, CR418, CR419, CR420, CR421, CR422, CR423, CR424, CR425, CR426, CR427, CR428, CR429	Initial Load	 1900-0406	100	Item	DIODE-PIN	Release	28.0	Each	
N/A	CR302, CR304, CR306, CR308, CR325, CR327, CR329, CR333, CR338	Initial Load	 1901-1192	100	Item	DIODE-PIN 35V 100MA TO-236 (SOT-23)	Release	9.0	Each	
N/A	CR2, CR3, CR311, CR314, CR317, CR318, CR320, CR322, CR4, CR435, CR436	Initial Load	 1901-1227	100	Item	DIODE-SWITCHING 75V 200MA 6NS TO-236	Release	11.0	Each	
N/A	VR100	Initial Load	 1902-1696	100	Item	DIODE-ZNR 1N827 6.2V 5pct DO-7 PD=.25W	Release	1.0	Each	
N/A	R34	Initial Load	 2100-2031	100	Item	RESISTOR-TRMR 50K 10pct TKF TOP-ADJ 1-TRN	Release	1.0	Each	
N/A	MP2	Initial Load	 5180-1886	100	Item	LABEL-PC BOARD	Release	1.0	Each	
N/A	CR309, CR313, CR323	Initial Load	 5180-6539	100	Item	DIVISIONAL ITEMS W/O A CATEGORY ASSIGN	Release	3.0	Each	

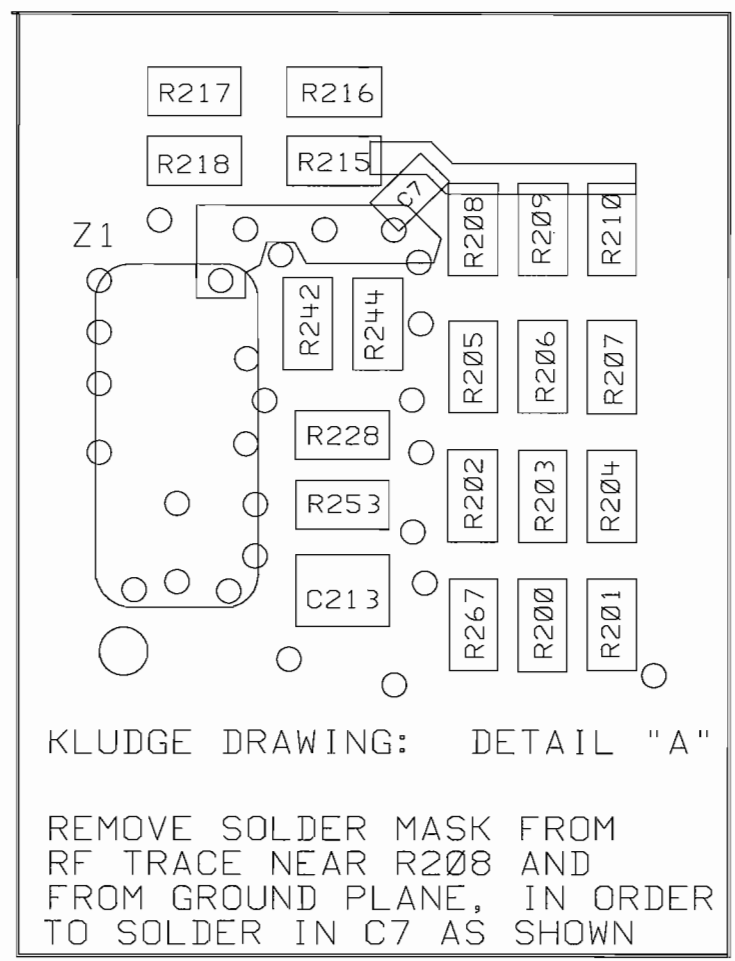
 F/N	Ref Des	Source	Name	Rev	Type	Description	State	Qty	U of M	
N/A	CR331, CR332, CR335	Initial Load	 5185-3655	100	Item	LTB1900-0100	Release	3.0	Each	
N/A	L201, L207, L307, L323, L326, L332, L336, L347, L348, L349, L350, L351, L352, L353, L354, L356, L376, L377, L378	Initial Load	 9100-3922	100	Item	INDUCTOR FIXED Z GREATER THAN 1200 OHMS 120 TO 650	Release	19.0	Each	
N/A	FL1, FL2	Initial Load	 9135-0214	100	Item	FILTER-LOW PASS PIN STYLE- TERMS	Release	2.0	Each	
N/A	L212, L305, L315, L319	Initial Load	 9140-1087	100	Item	INDUCTOR 4.25uH +41pct - 41pct 5.8D- mmX7LG-mm	Release	4.0	Each	
N/A	L309	Initial Load	 9140-1098	101	Item	INDUCTOR 150nH +-5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L208, L211, L308, L333, L335	Initial Load	 9140-1121	100	Item	INDUCTOR 100uH +-5pct 3.4W- mmX4.8LG-mm	Release	5.0	Each	
N/A	L206, L213, L310	Initial Load	 9140-1206	101	Item	INDUCTOR 100nH +-5pct 2.8W- mmX3.4LG-mm	Release	3.0	Each	
N/A	L303	Initial Load	 9140-1426	101	Item	INDUCTOR 12nH +-10pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L312	Initial Load	 9140-1560	100	Item	INDUCTOR 18nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L302	Initial Load	 9140-1562	100	Item	INDUCTOR 27nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L300	Initial Load	 9140-1563	100	Item	INDUCTOR 33nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	
N/A	L306	Initial Load	 9140-1567	100	Item	INDUCTOR 68nH +5pct -5pct 2.8W- mmX3.4LG-mm	Release	1.0	Each	

5300		D-08924-60217-2	
SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS PCO 10-9861	[REDACTED]	1-14-98
B	KLUDGE PER PCO 10-10333	[REDACTED]	3-9-99



NOTES: UNLESS OTHERWISE SPECIFIED

- 1 K1 & K3 TO BE MOUNTED FLUSH TO PCB SURFACE. TRIM LEADS OF RELAYS K1 & K3 TO 1mm (.04) MAX LENGTH.
- 2 FILTER DIODES CR309, 313, AND 323 MUST HAVE LEADS FORMED USING A 5MM (.02) TOOL. CR309, CR313 AND CR323 TO BE MOUNTED FLUSH TO PCB SURFACE.
- 3 SOLDER FL1 AND FL2 TO THE GROUND PLANE ON SIDE 'A'.
- 4 FILTER SHIELDS" (MP3- MP6) MUST BE PRESSED INTO PLACE AFTER SOLDER PROCESS.
- 5 JUMPER COAX (W201) IS LOADED AT FINAL ASSEMBLY.
6. L207, 212, 305, 307, 315, 319, 323, 326, 332, 336, 347-356 & 376-378 INDUCTORS SHOULD BE MOUNTED VERTICALLY (+/- 45 DEGREES). TRIM EXCESS LEADS AFTER MOUNTING.
7. THERE ARE PARTS THAT ARE NOT LOADED ON THIS ASSEMBLY. REFER TO PIC DATA FOR LIST OF REFERENCE DESIGNATORS.
8. THIS ASSEMBLY USES RAW BOARD P/N 08924-20217.



SEE DETAIL "A"

SIDE 'A'

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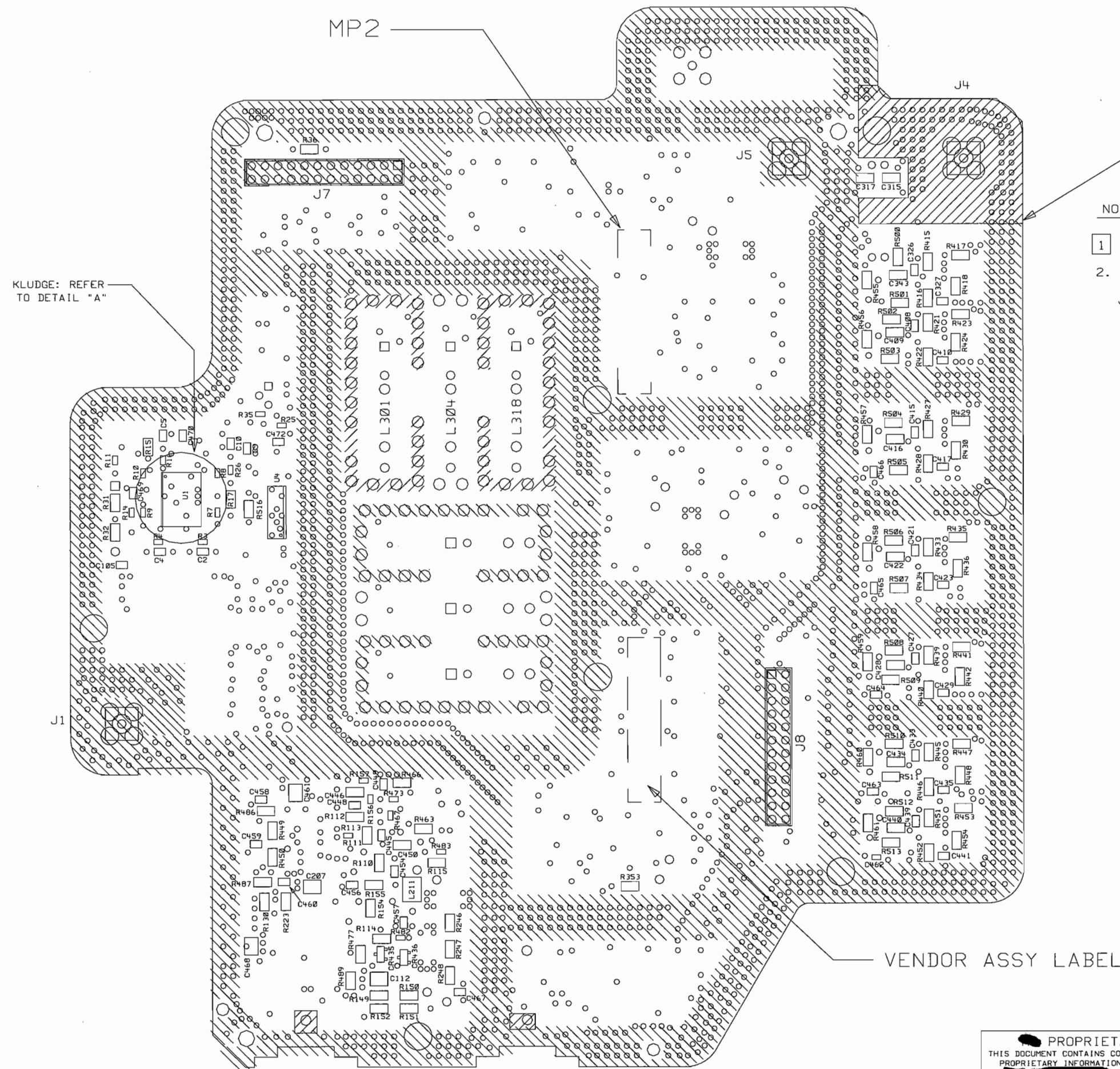
UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES: XX.XXX ±.010
 XX.XX ±.02
THIRD ANGLE
PROJECTION
DO NOT SCALE THIS DRAWING

DRAWN BY [REDACTED]
DATE 8/28/97
CHECKED BY [REDACTED]
DATE 8/28/97
RELEASE TO PROD. 1-14-98
DATE
SUPERSEDES DWG.

ASSEMBLY, PWA,
ELECTRONIC
RMS INPUT
SECTION

albf0217
FILENAME
SCALE NONE
SHEET 1 OF 2
PART NUMBER 08924-60217
TITLE D-08924-60217-2

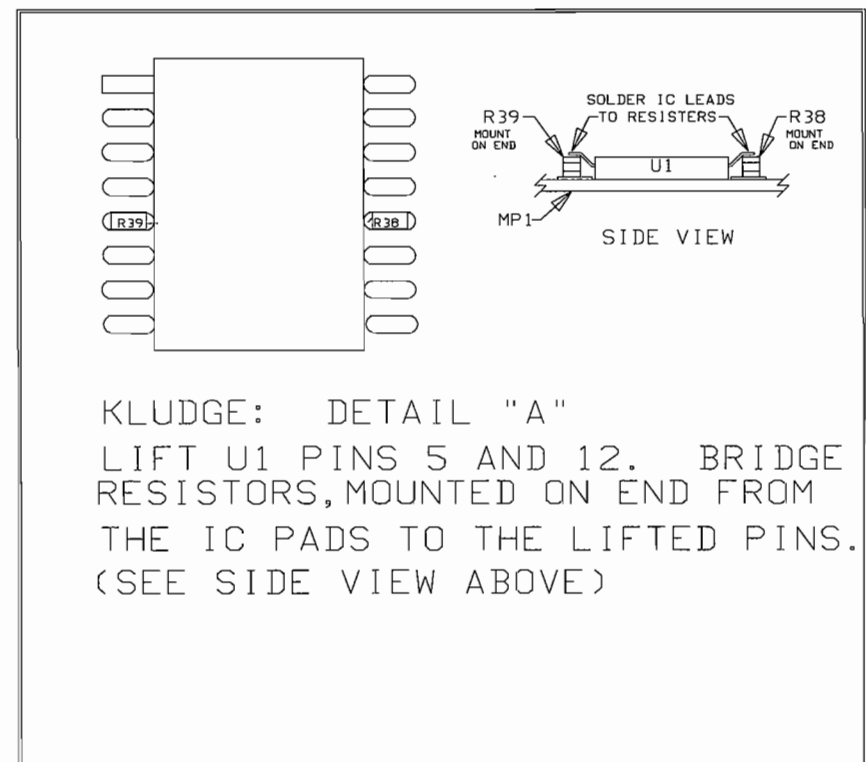
5300	D-08924-60217-2	
SYM	REVISIONS	APPROVED
A	AS ISSUED W/CHGS PCO 10-9861	[REDACTED]
B	KLUDGE PER PCO 10-10333	[REDACTED]
		DATE
		1-14-98
		03-10-99



NOTES: UNLESS OTHERWISE SPECIFIED

1. AREAS SHOWN HATCHED ARE TO REMAIN FREE OF EXCESS SOLDER AFTER ASSEMBLY.
2. LOAD CONNECTORS J1, J4, J5, J7 AND J8 AND HAND SOLDER. HAND SOLDER ALL THREE 'SMC' CONNECTORS (J1, J4 AND J5) FIRST, SOLDERING JUST THE CENTER PIN FROM SIDE 'A'. NEXT SOLDER THE SQUARE FLANGE TO SIDE 'B' INSURING A SOLDER JOINT THE ENTIRE PERIMETER OF THE FLANGE. FINALLY, IT IS NOT NECESSARY THAT GROUND PIN HOLES BE COMPLETELY FILLED WITH SOLDER FOR THIS APPLICATION. USE MINIMUM SOLDER AND WORK TO REDUCE REFLOW UNDER THE SOLDER MASK. ALL BARE COPPER BEYOND THE CONNECTORS MUST REMAIN FREE OF EXCESS SOLDER FLOW.

KLUDGE: REFER TO DETAIL "A"



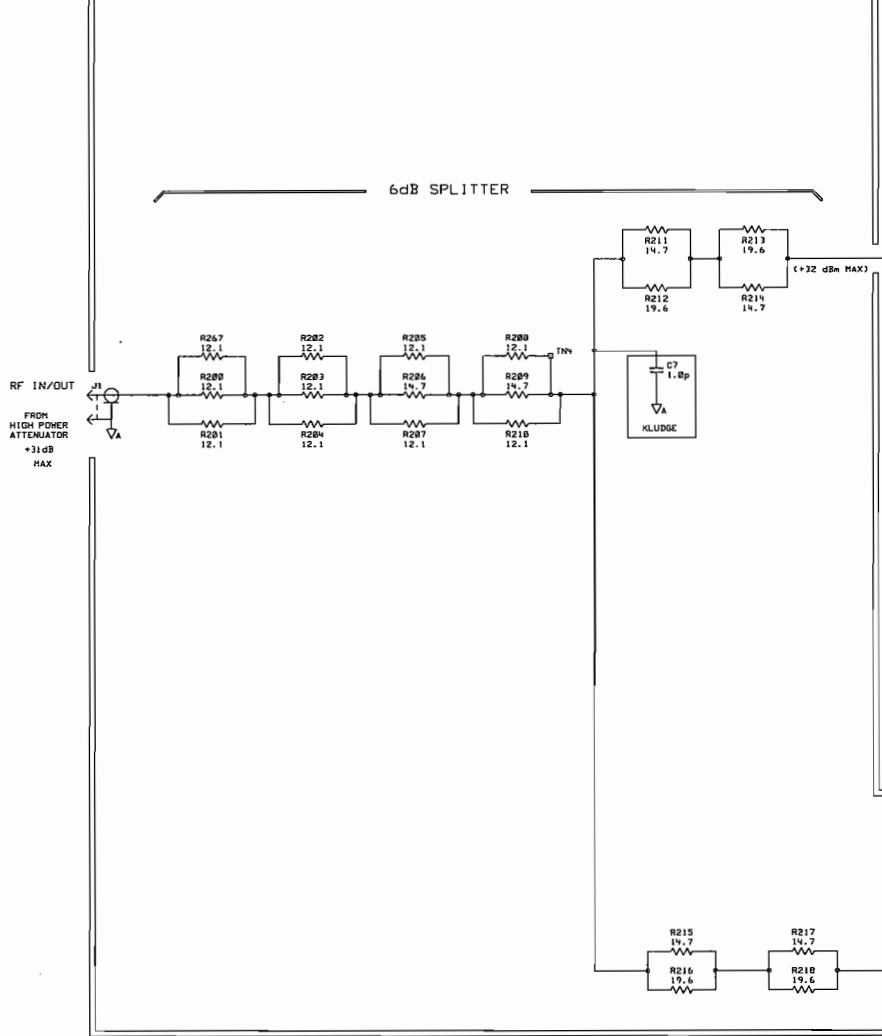
SIDE 'B'

VENDOR ASSY LABEL

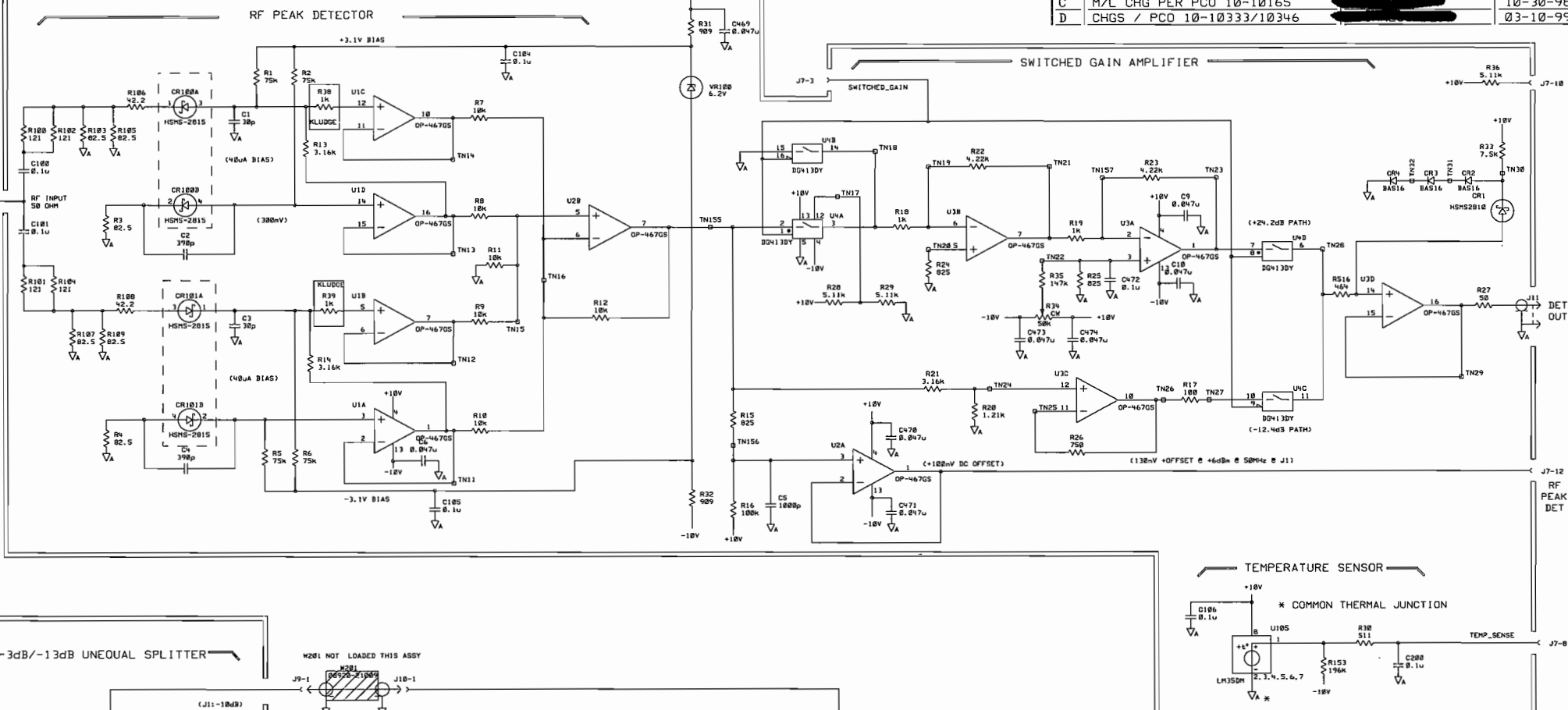
<p>PROPRIETARY</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS THE PROPERTY OF [REDACTED]. DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY [REDACTED].</p>	<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.</p> <p>TOLERANCES: XX.XXX ±.010 XX.XX ±.02</p>	<p>DATE: 8/28/97</p> <p>DATE: 8/28/97</p> <p>DATE: 1-14-98</p>	<p>ASSEMBLY, PWA, ELECTRONIC RMS INPUT SECTION</p>	<p>a5bfo217 FILENAME</p>
	<p>THIRD ANGLE PROJECTION</p>	<p>RELEASE TO PROD.</p>	<p>DATE</p>	<p>SCALE NONE</p>
	<p>DO NOT SCALE THIS DRAWING</p>	<p>SUPERSEDES DMG.</p>	<p>TITLE</p>	<p>SHEET 2 of 2</p>
				<p>08924-60217 PART NUMBER</p>
				<p>D-08924-60217-2</p>

S300		D-030999-10		D-08924-60217-1	
SYM	REVISIONS	APPROVED	DATE		
B	M/L CHG PER PCO 10-9967				04-23-98
C	M/L CHG PER PCO 10-10165				10-30-98
D	CHGS / PCO 10-10333/10346				03-10-99

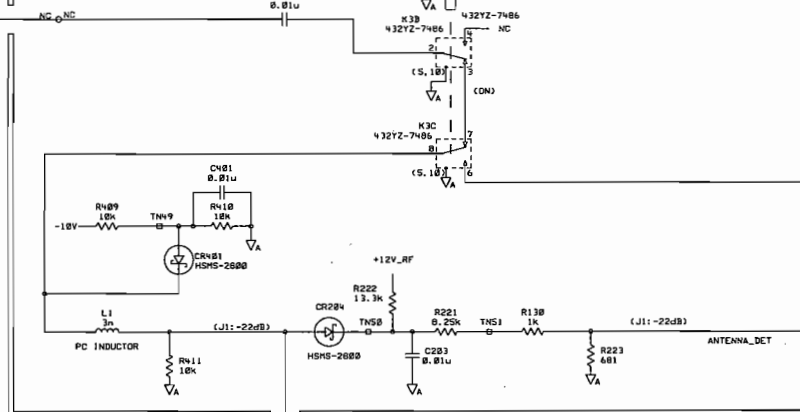
(A) HIGH-POWER SPLITTER



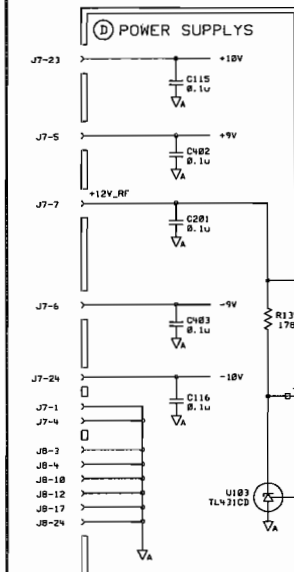
(B) RF PEAK DETECTOR / SWITCHED GAIN AMPLIFIER



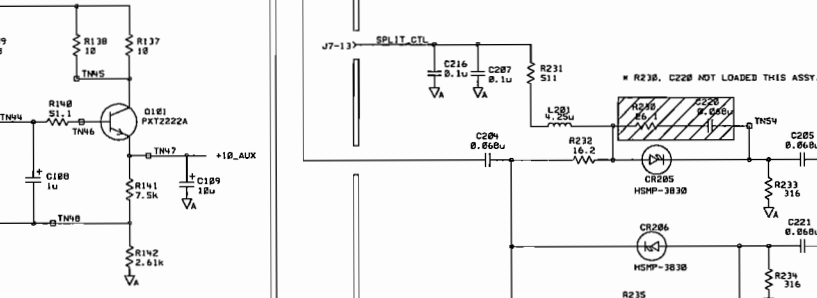
(C) ANTENNA SPLITTER/SWITCH



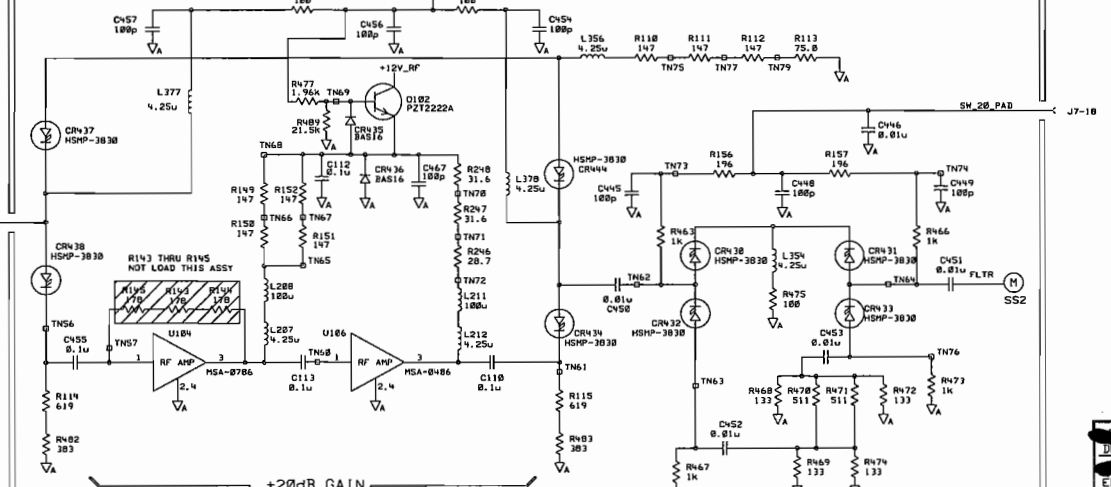
(D) POWER SUPPLIES



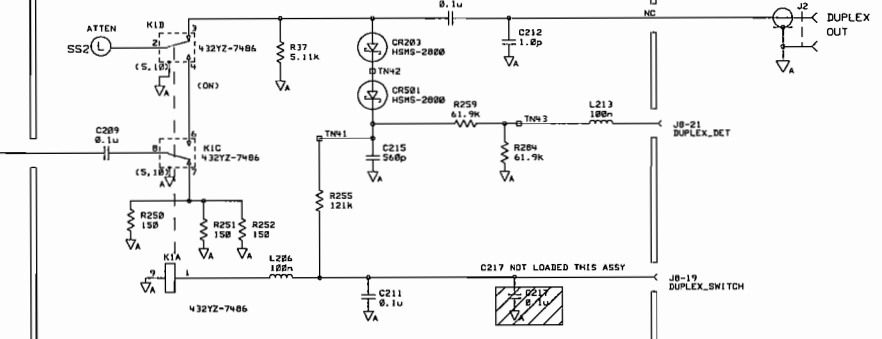
(E) UNEQUAL SPLITTER / SWITCH



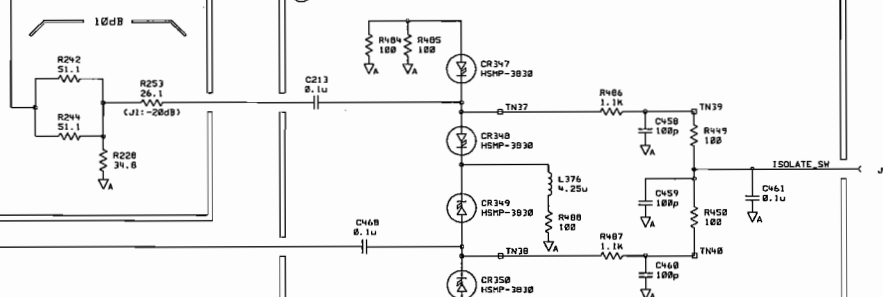
(F) INPUT ATTENUATOR



(G) DUPLEX SWITCH



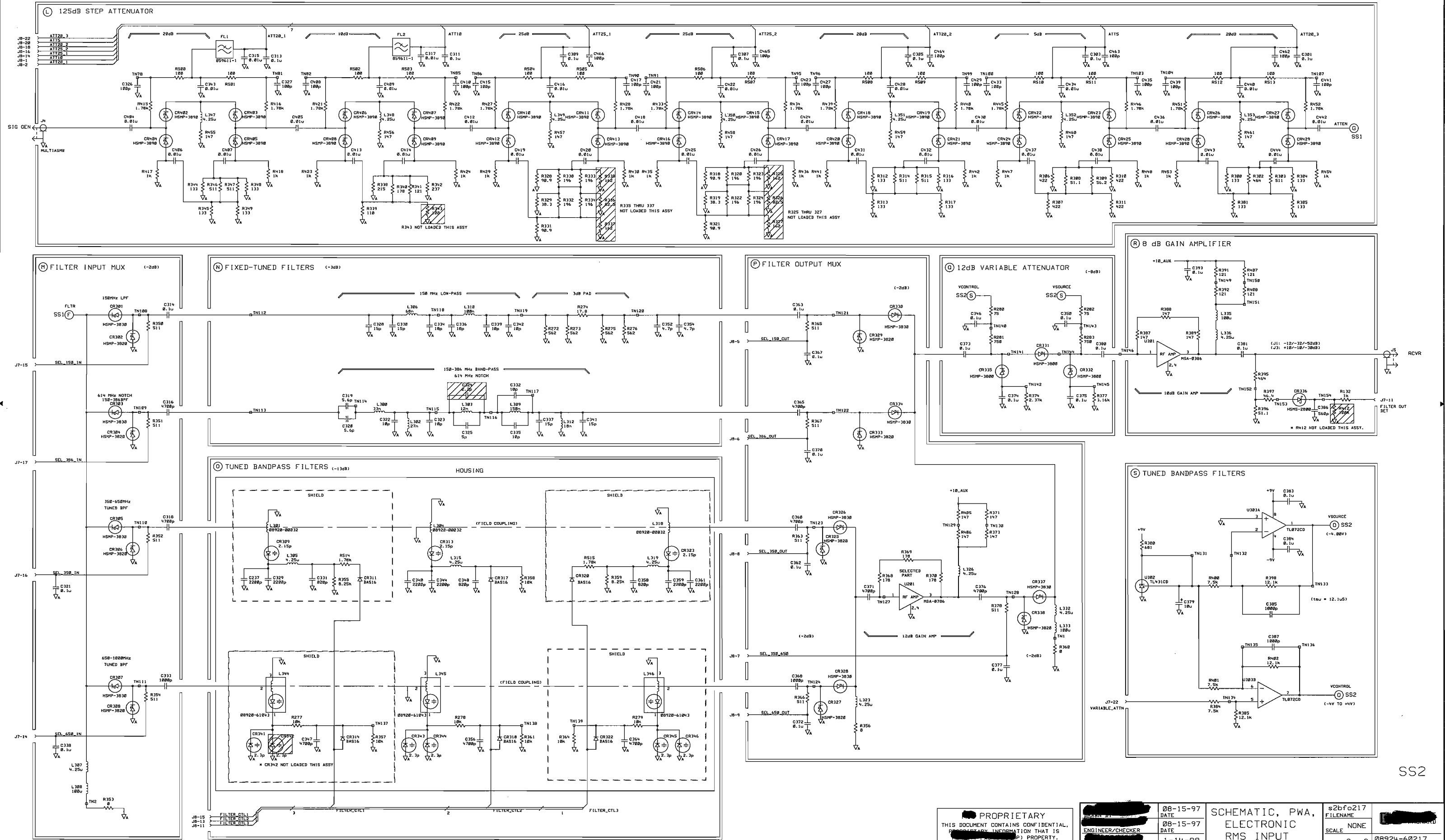
(H) ISOLATION SWITCH



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DRAWN BY	08-15-97	SCHEMATIC, PWA, ELECTRONIC RMS INPUT SECTION	FILENAME
ENGINEER/CHECKER	08-15-97		
RELEASE TO PROD.	1-14-98	TITLE	SCALE NONE
SUPERSEDES DWG.		SHEET 1 OF 2	PART NUMBER 08924-60217
			D-08924-60217-1

S300	D-030999-10	D-08924-60217-1
SYN	REVISIONS	APPROVED
B	M/L CHG PER PCO 10-9967	[REDACTED]
C	M/L CHG PER PCO 10-10165	[REDACTED]
D	CHGS / PCO 10-10333/10346	[REDACTED]
		DATE
		04-23-98
		10-30-98
		03-10-99



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DATE: 08-15-97
 DATE: 08-15-97
 DATE: 1-14-98
 SUPERSEDES DWG. [REDACTED]

SCHEMATIC, PWA,
 ELECTRONIC
 RMS INPUT
 SECTION

s2bfc0217
 FILENAME: [REDACTED]
 SCALE: NONE
 SHEET 2 OF 2
 PART NUMBER: D-08924-60217-1

Component-Level Information Packet

A24

HIGH POWER ATTENUATOR

08920-61810

8920A COMPONENT LEVEL INFORMATION ERRATA

A24 High Power Attenuator

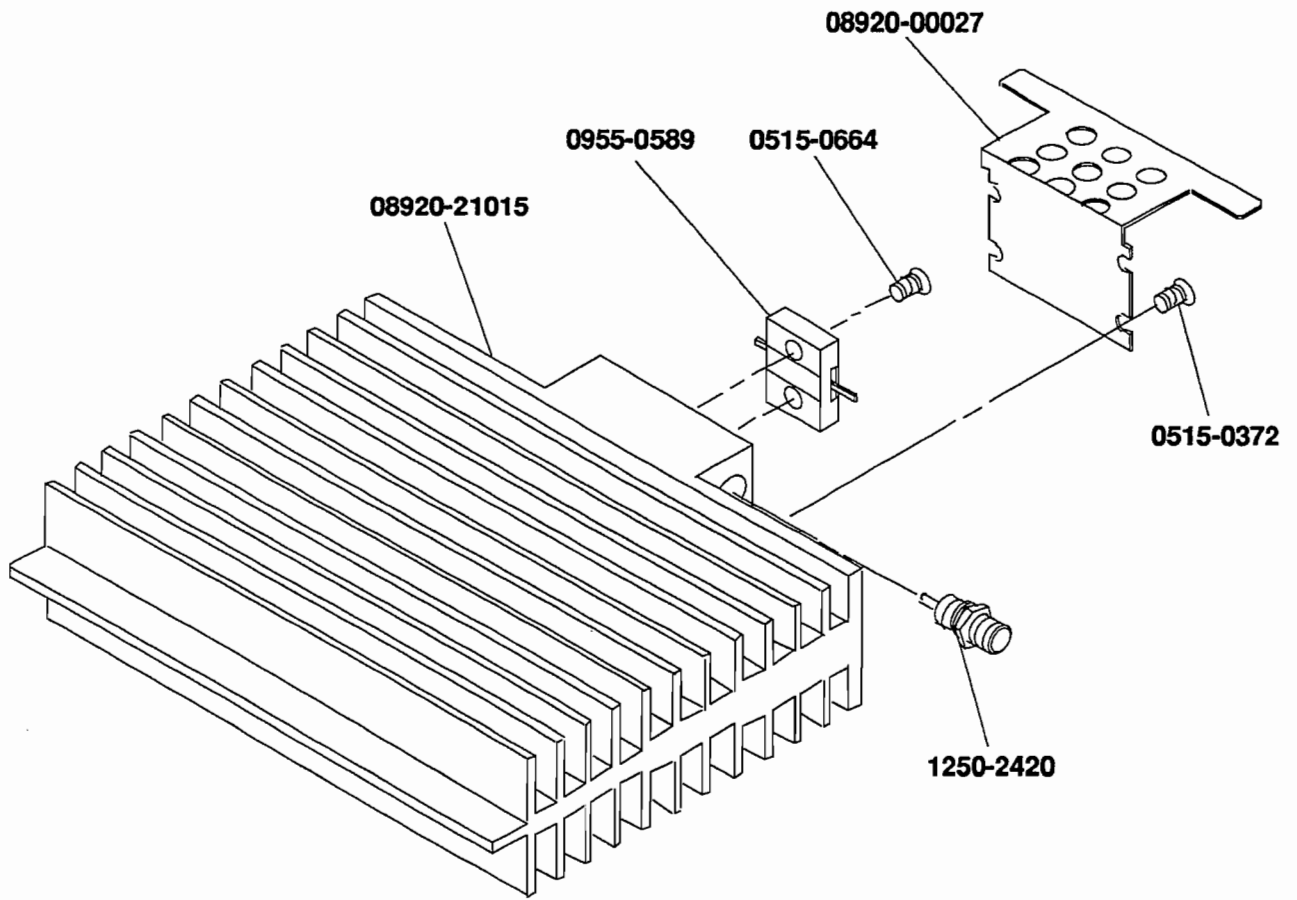
Change A24J1 to:

A24J1, 1250-2420, 1, CONNECTOR-RF PLUG SMA 50OHM, 16179, 2058-5545-02

Change A24J2 to:

A24J2, 1250-2420, 1, CONNECTOR-RF PLUG SMA 50OHM, 16179, 2058-5545-02

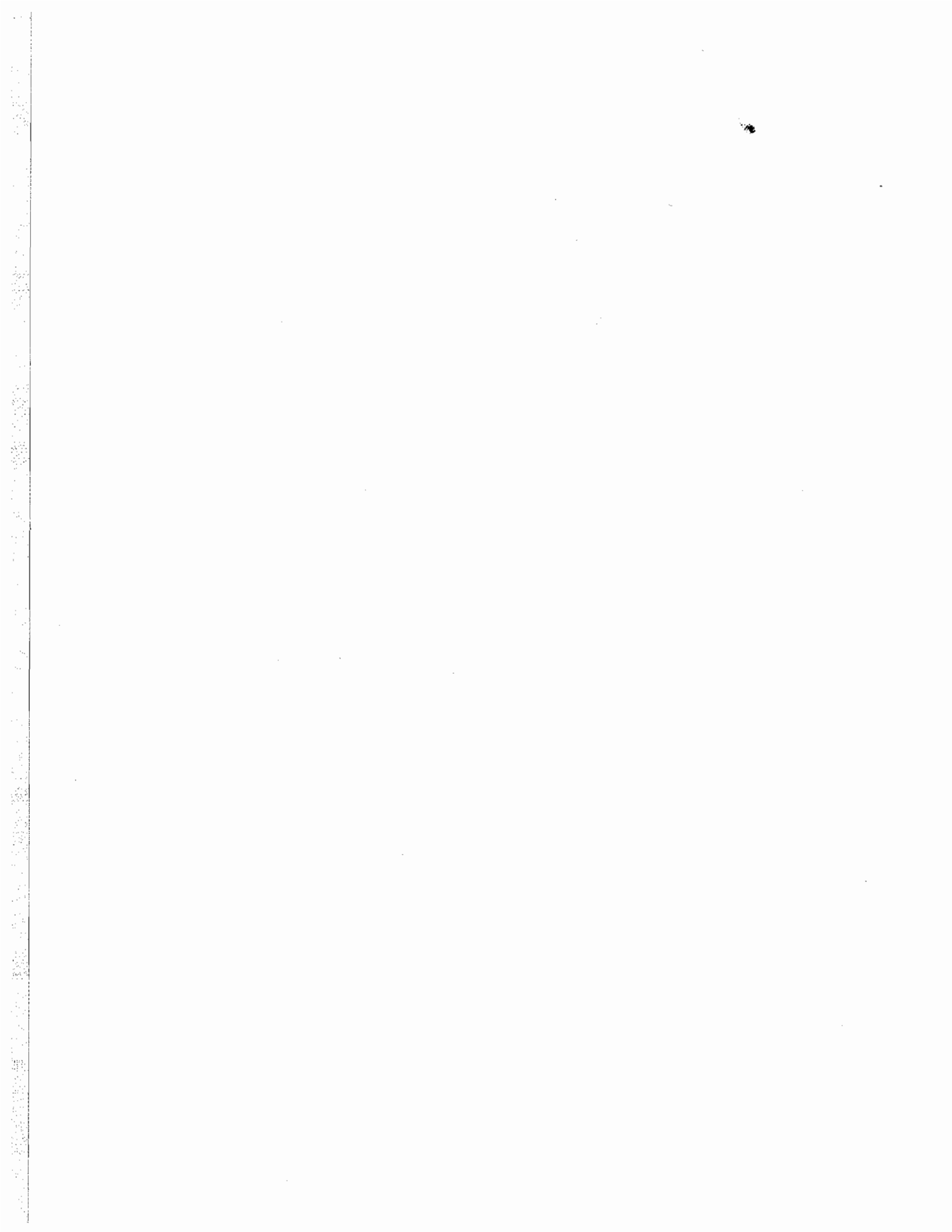
Replace existing A24 component locator with component locator in this errata package.

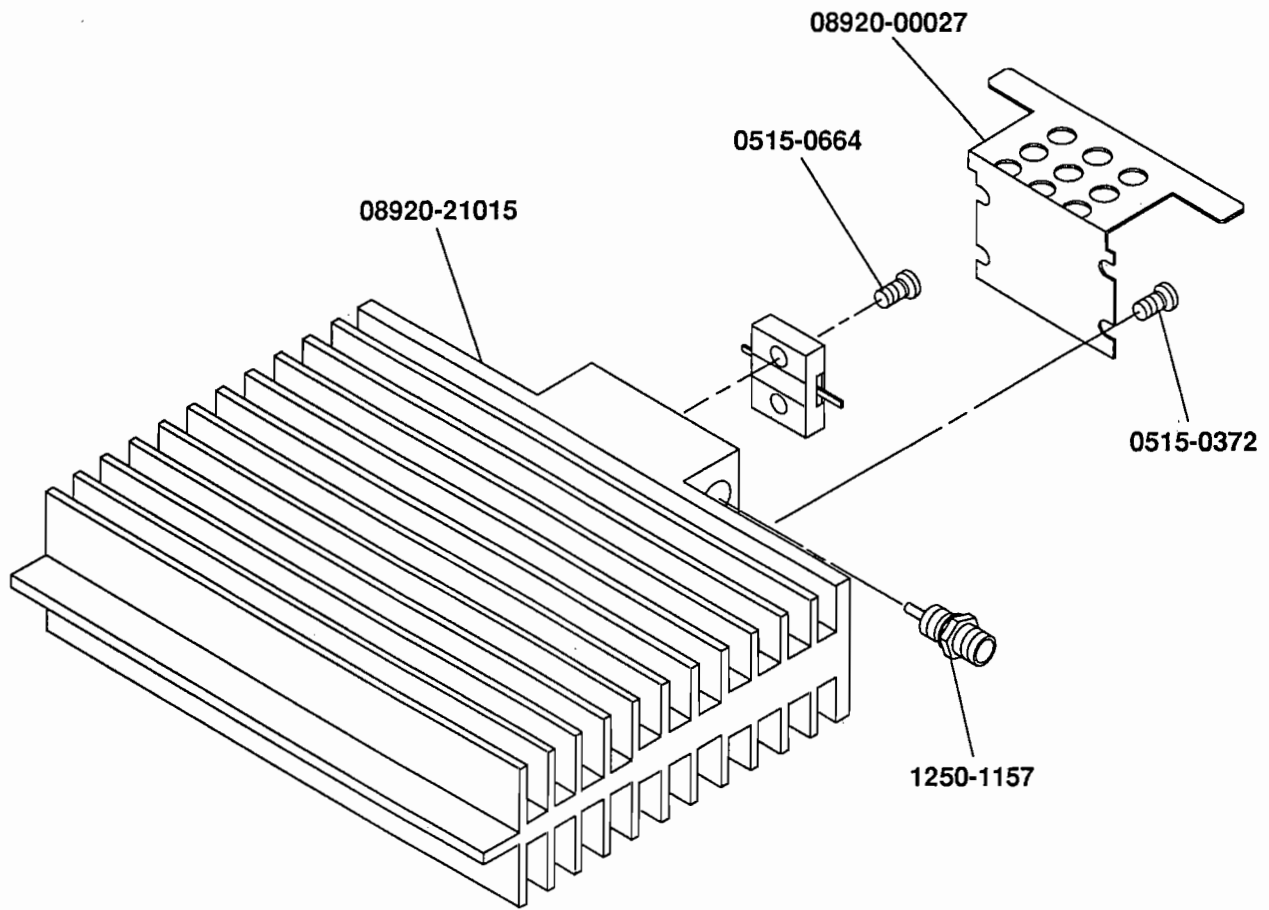


A24 HIGH POWER ATTENUATOR COMPONENT LOCATOR

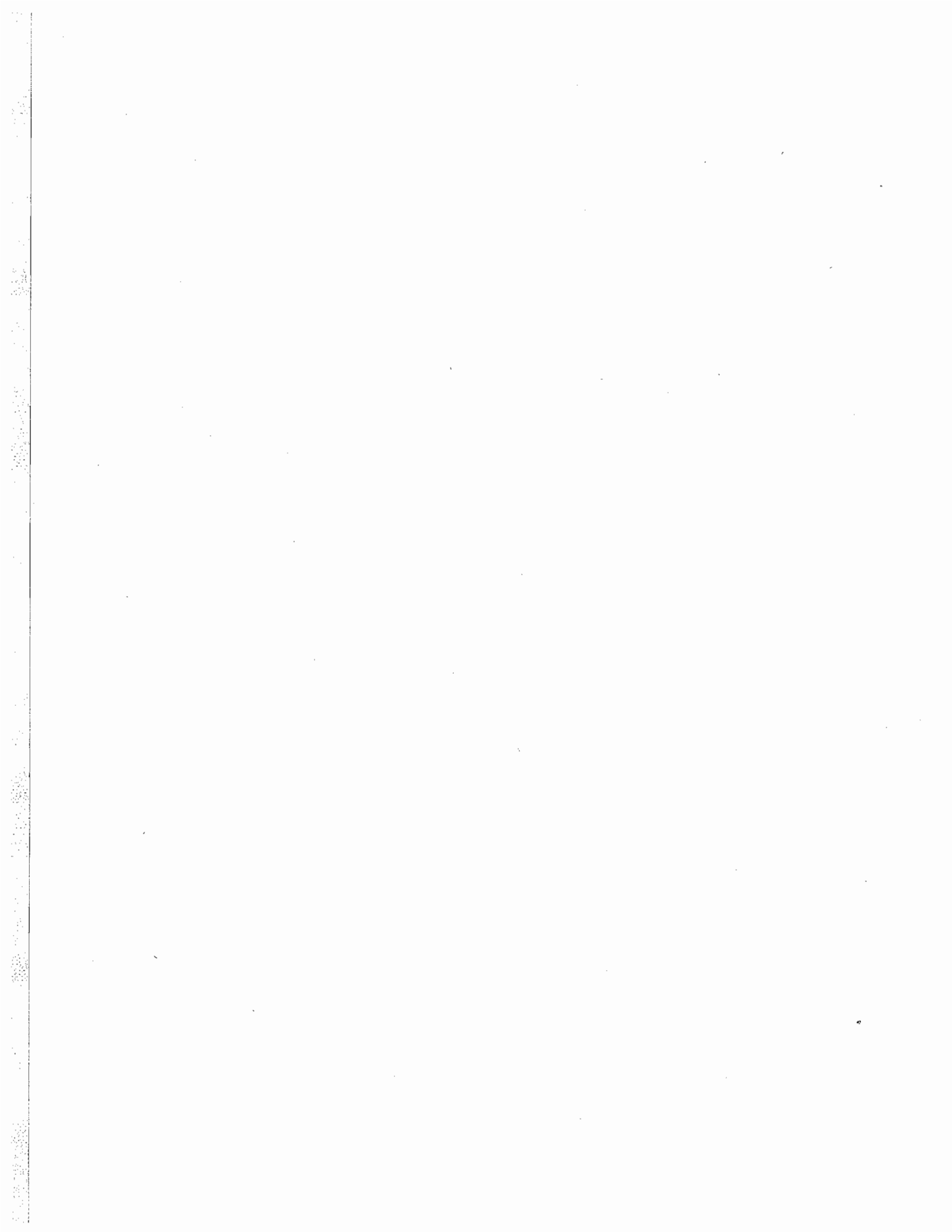
A24 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A24	08920-61810	1	HIGH POWER ATTENUATOR (New)	28480	08920-61818
A24	08920-69010	1	HIGH POWER ATTENUATOR (Exchange)	28480	08920-69010
A24A1	0955-0589	1	ATTENUATOR-FIXED 3GHZ	61162	A-211-014-125
A24J1	1250-1157	1	CONNECTOR-RF SMA RCPT THD-HOLE 50-OHM	28480	1250-1157
A24J2	1250-1157	1	CONNECTOR-RF SMA RCPT THD-HOLE 50-OHM	28480	1250-1157
A24	0515-0372	4	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-0372
A24	0515-0664	2	SCREW-MACH M3 X 0.5 12MM-LG	28480	0515-0664
A24	08920-00027	1	COVER, HEATSINK	28480	08920-00027
A24	08920-21015	1	HEATSINK, ELECTRONIC COMPONENT	28480	08920-21015





A24 HIGH POWER ATTENUATOR COMPONENT LOCATOR



Component-Level Information Packet

A25

MOTHERBOARD

08920-60128

8920A COMPONENT LEVEL INFORMATION ERRATA

A25 Motherboard

Change title page part number to:
08920-60328

Change A25 to:

A25, 08920-60328, 1, MOTHERBOARD (New), 28480, 08920-60328
A25, 08920-60328-1, REF, MOTHERBOARD SCHEMATIC DIAGRAM
A25, 08920-60328-2, REF, MOTHERBOARD COMPONENT LOCATOR

Add A25J4:

A25J4, 1251-8474, 1, CONN-POST RCPT 34-MALE .100-SPCG, 76381, 2534-5002UB

Add A25J54:

A25J54, 5021-2826, 1, BODY-RF CONN 2.2-DIA, 28480, 5021-2826

Add A25J55:

A25J55, 5021-2826, 1, BODY-RF CONN 2.2-DIA, 28480, 5021-2826

Add A25J56:

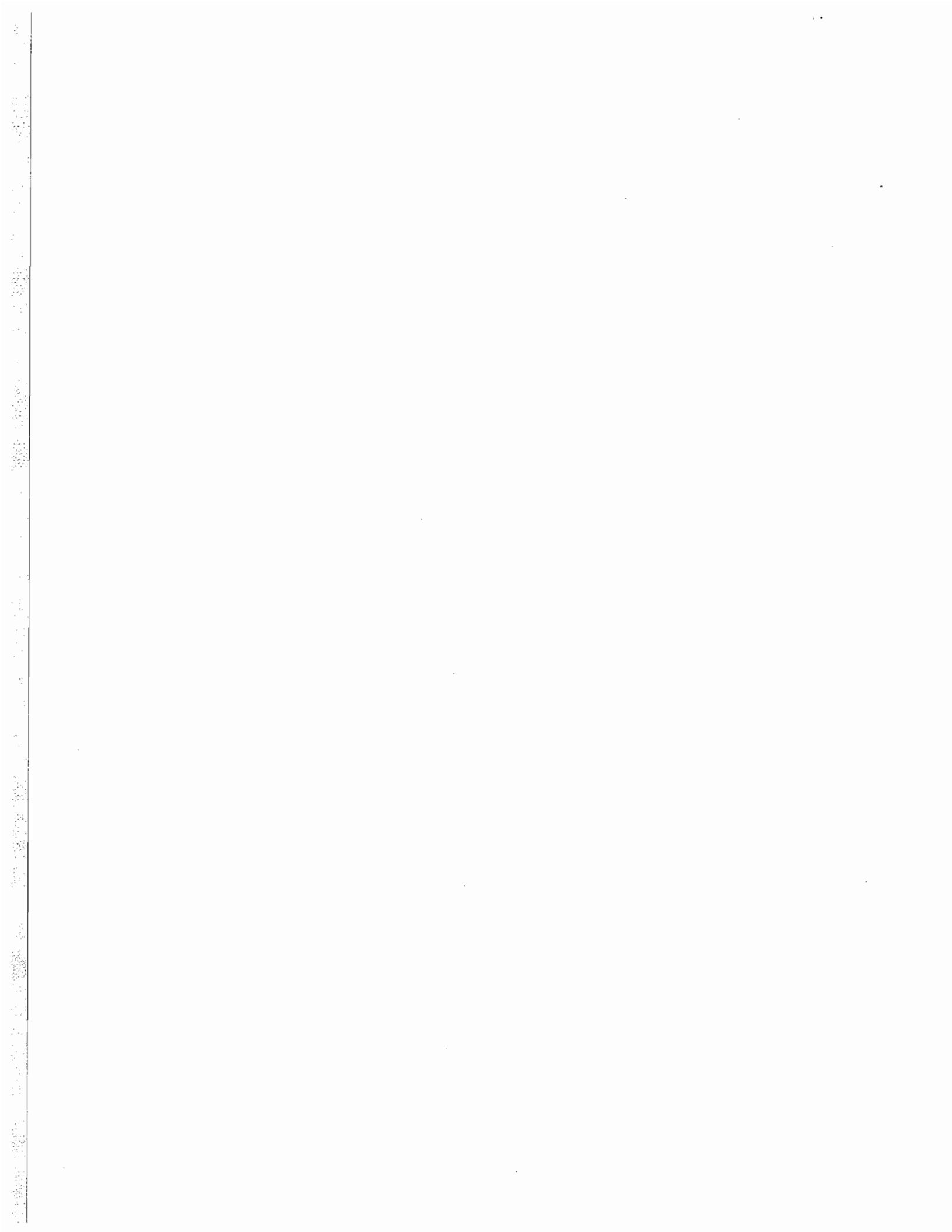
A25J56, 5021-2826, 1, BODY-RF CONN 2.2-DIA, 28480, 5021-2826

Change 1251-2194 at A25 to:

A25, 1251-2194, 6, CONN-SGL CONT .021-DIA GOLD-PL BRASS, 00779, 3-331272-0

Replace existing schematic diagram with schematic diagram in this errata package.

Replace existing component locator with component locator in this errata package.

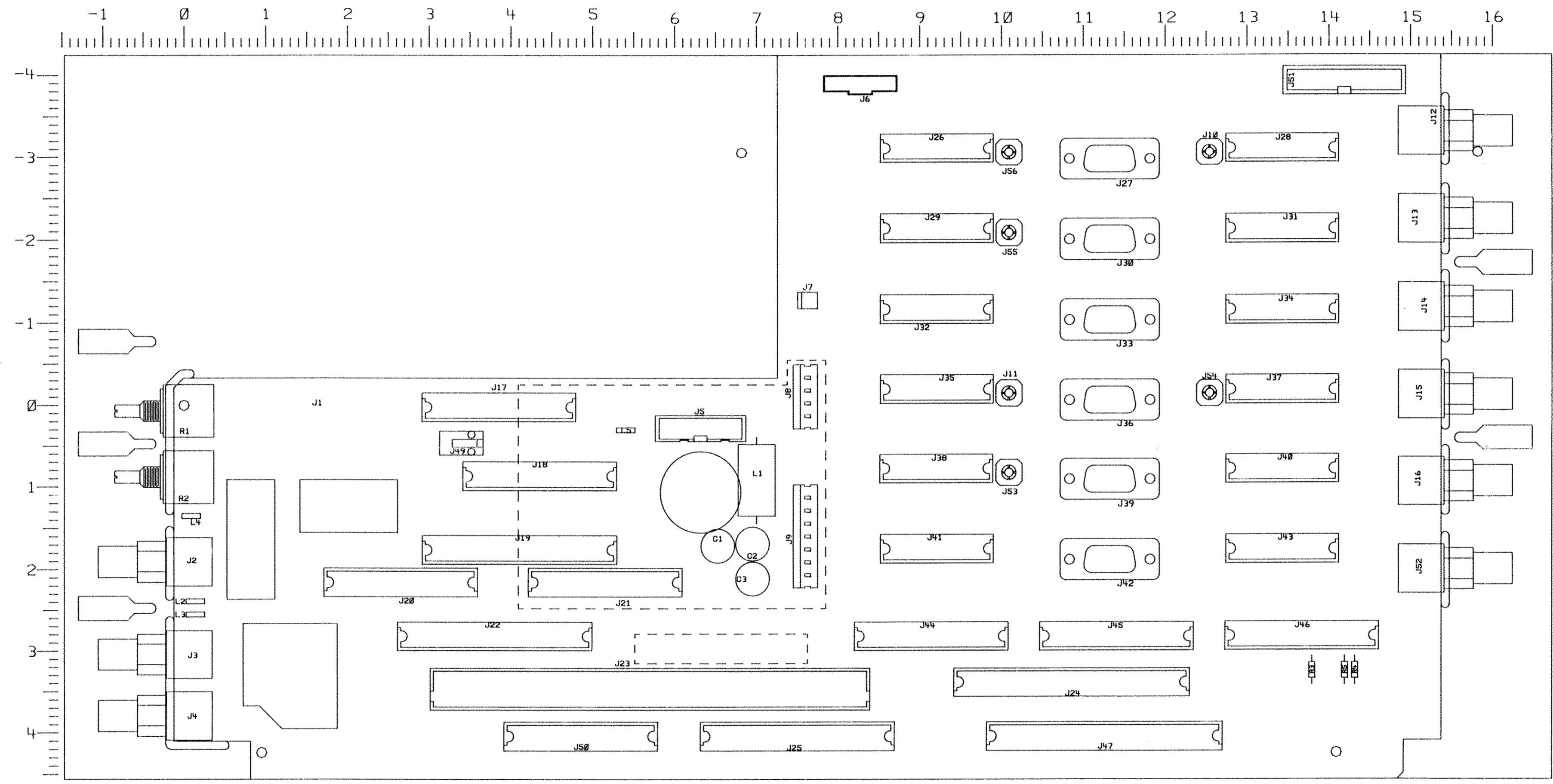


A25 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A25	08920-60128	1	MOTHERBOARD (New)	28480	08920-60128
A25	08920-60228-1	REF	MOTHERBOARD SCHEMATIC DIAGRAM		
A25	08920-60228-2	REF	MOTHERBOARD COMPONENT LOCATOR		
A25C1	0180-3643	1	CAP-FXD 470UF +-20% 25V AL-ELCTLT	57640	SME25VB471M10X16LL
A25C2	0180-3643	1	CAP-FXD 470UF +-20% 25V AL-ELCTLT	57640	SME25VB471M10X16LL
A25C3	0180-3643	1	CAP-FXD 470UF +-20% 25V AL-ELCTLT	57640	SME25VB471M10X16LL
A25J1	1251-8299	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	00779	102203-7
A25J2	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J3	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J4	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J5	1251-8105	1	CONN-POST TYPE .100-PIN-SPCG 16-CONT	22526	66506-320
A25J6	1252-3848	1	CONN-POST TYPE .100-PIN-SPCG 8-CONT	00779	104391-7
A25J7	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	27264	22-11-2022
A25J8	1252-0527	1	CONN-POST TYPE .156-PIN-SPCG 5-CONT	00779	641208-5
A25J9	1252-0525	1	CONN-POST TYPE .156-PIN-SPCG 8-CONT	00779	641208-8
A25J10	5021-2826	1	CONNECTOR	28480	5021-2826
A25J11	5021-2826	1	CONNECTOR	28480	5021-2826
A25J12	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J13	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J14	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J15	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J16	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J17	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J18	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J19	1252-3774	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	535516-4
A25J20	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J21	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J22	1252-3774	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	535516-4
A25J23	1251-8733	1	CONN-POST TYPE .100-PIN-SPCG 100-CONT	00779	102692-8
A25J24	1252-2878	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	00779	87-5189-001-4
A25J25	1252-3774	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	535516-4
A25J26	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J27	1252-3781	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	869214-1
A25J28	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J29	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J30	1252-3781	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	869214-1
A25J31	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J32	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J33	1252-3781	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	869214-1
A25J34	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J35	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J36	1252-3781	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	869214-1
A25J37	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J38	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J39	1252-3781	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	869214-1
A25J40	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J41	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J42	1252-3781	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	869214-1

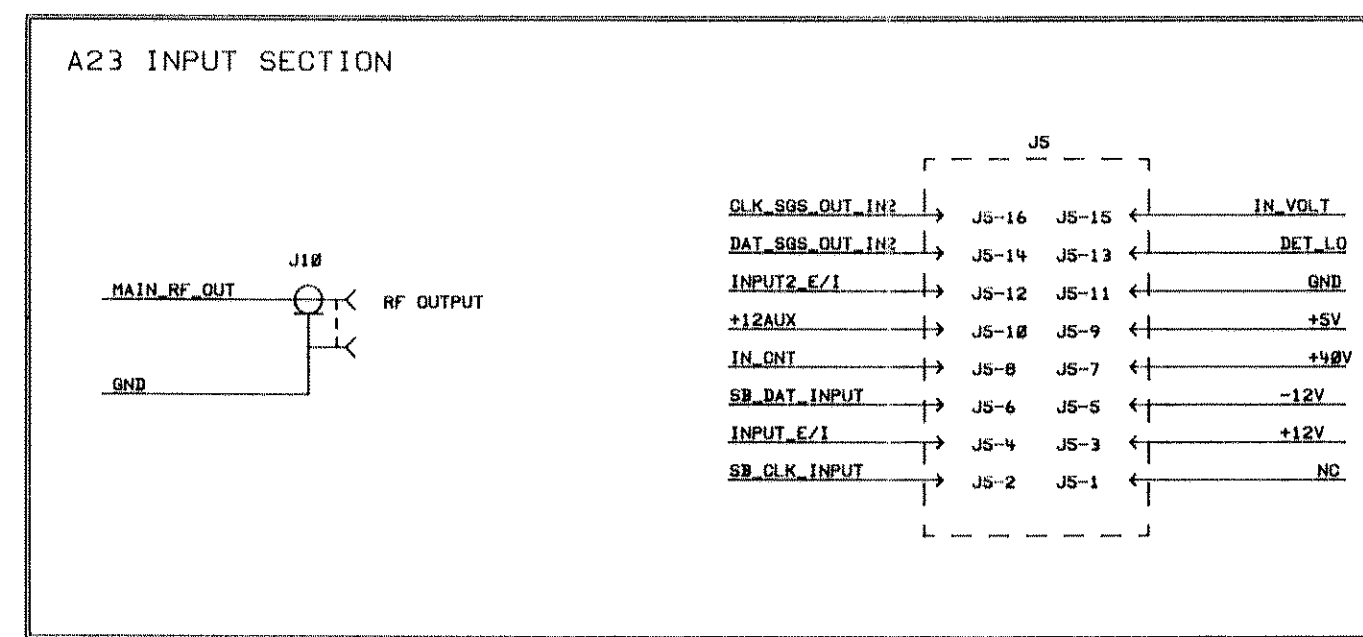
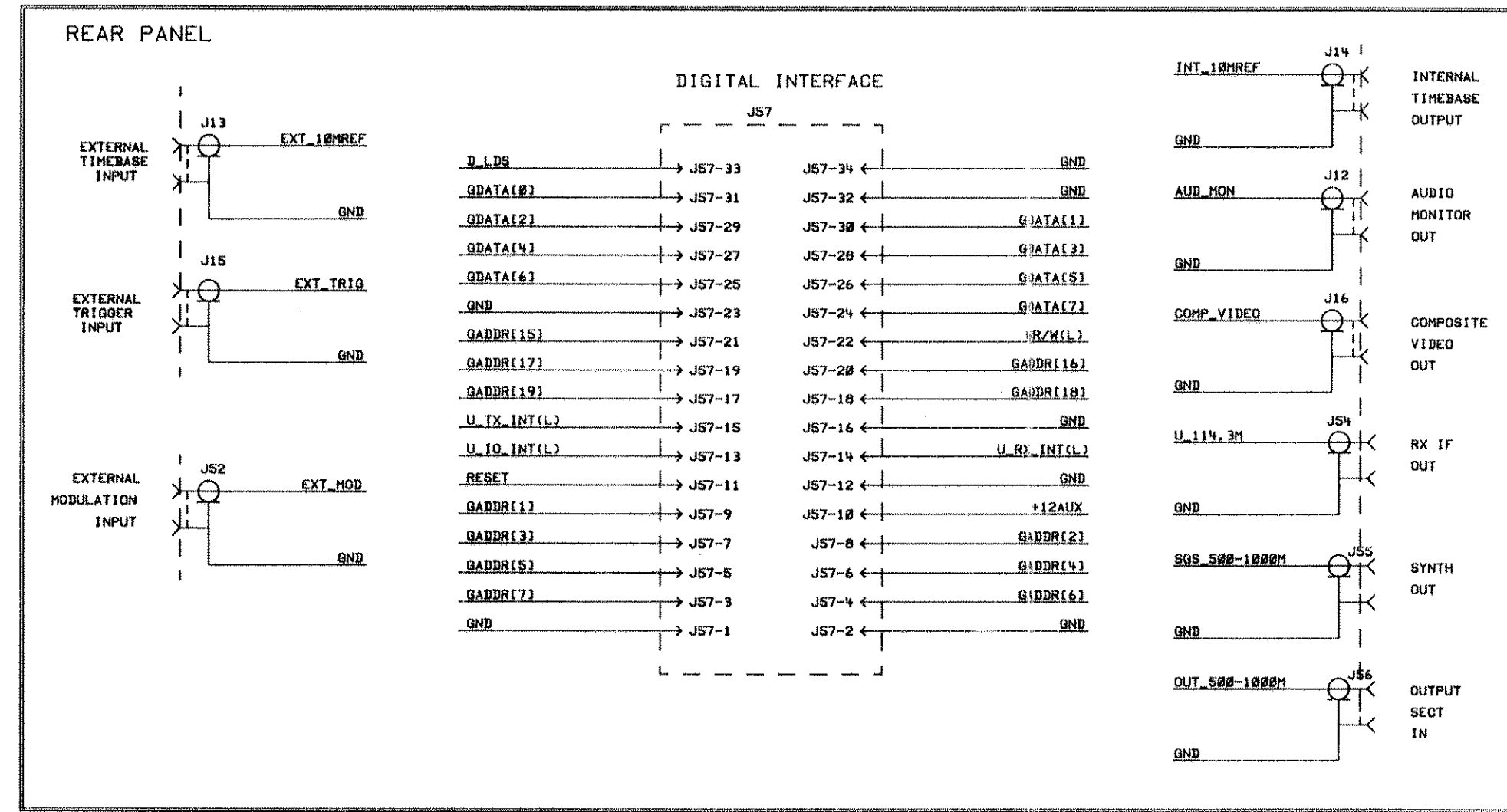
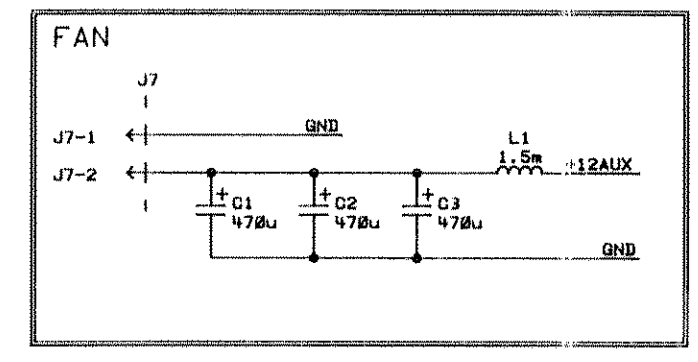
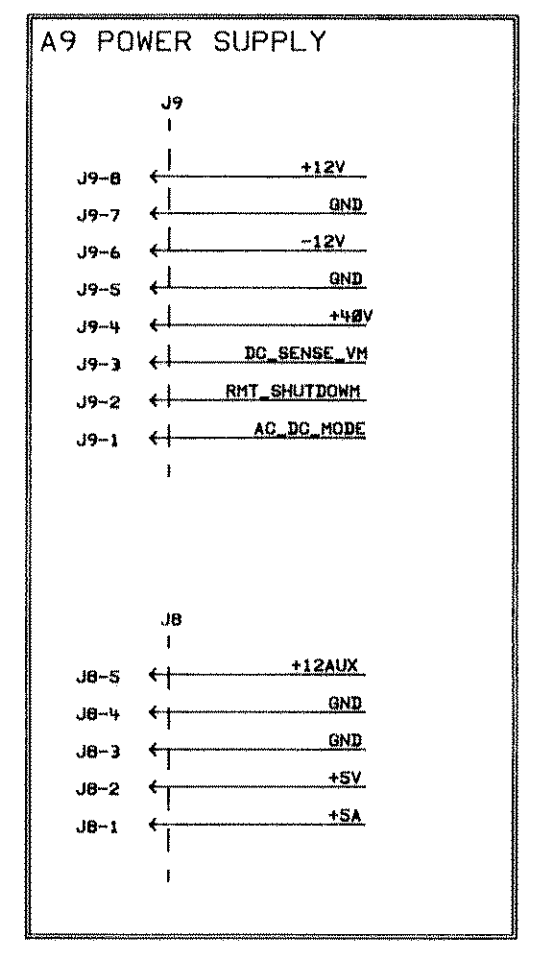
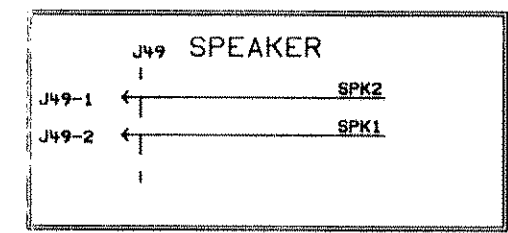
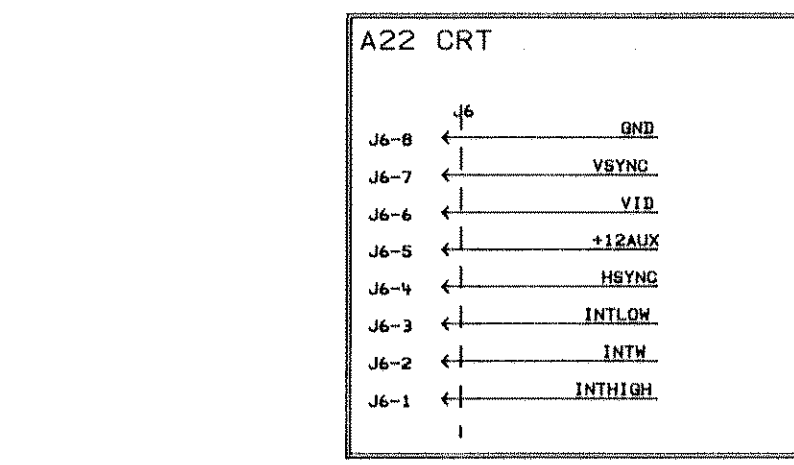
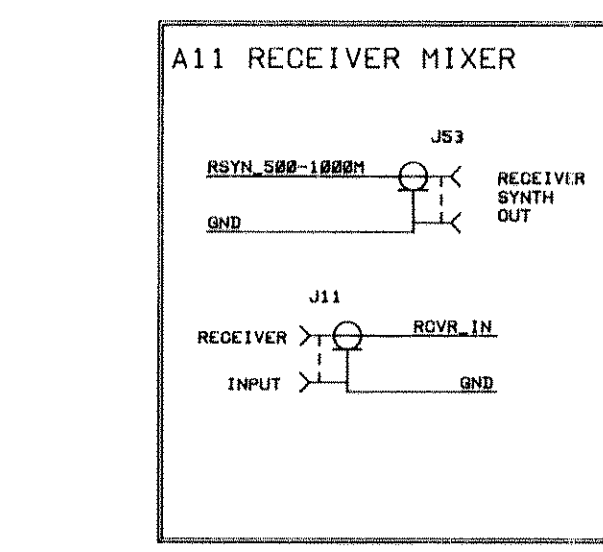
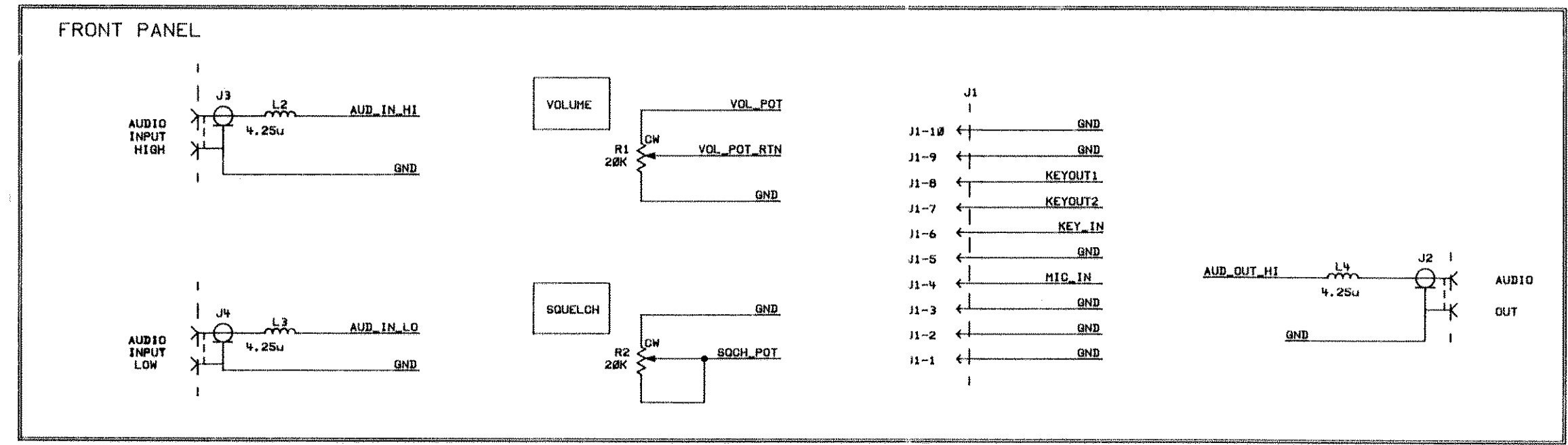
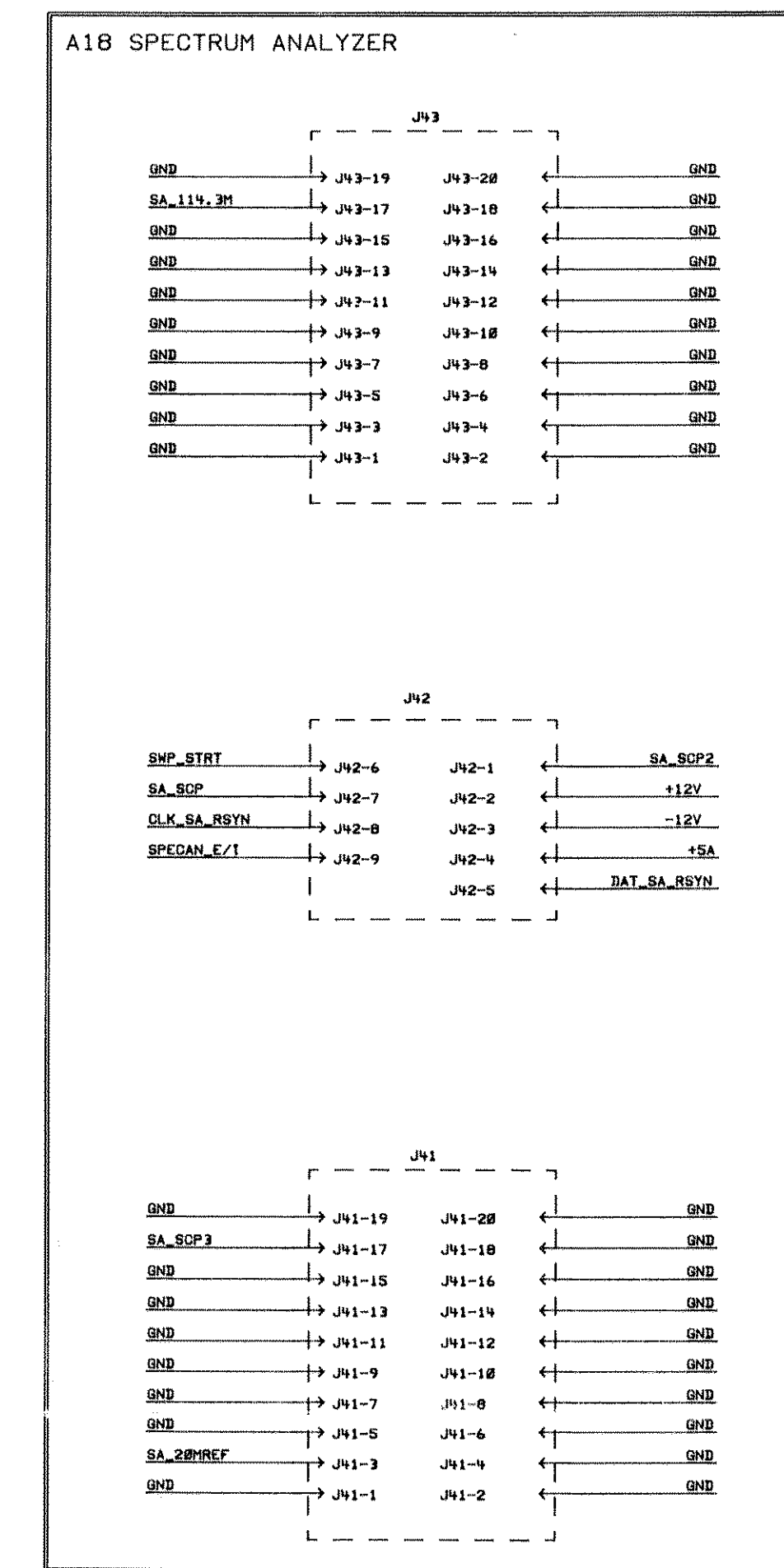
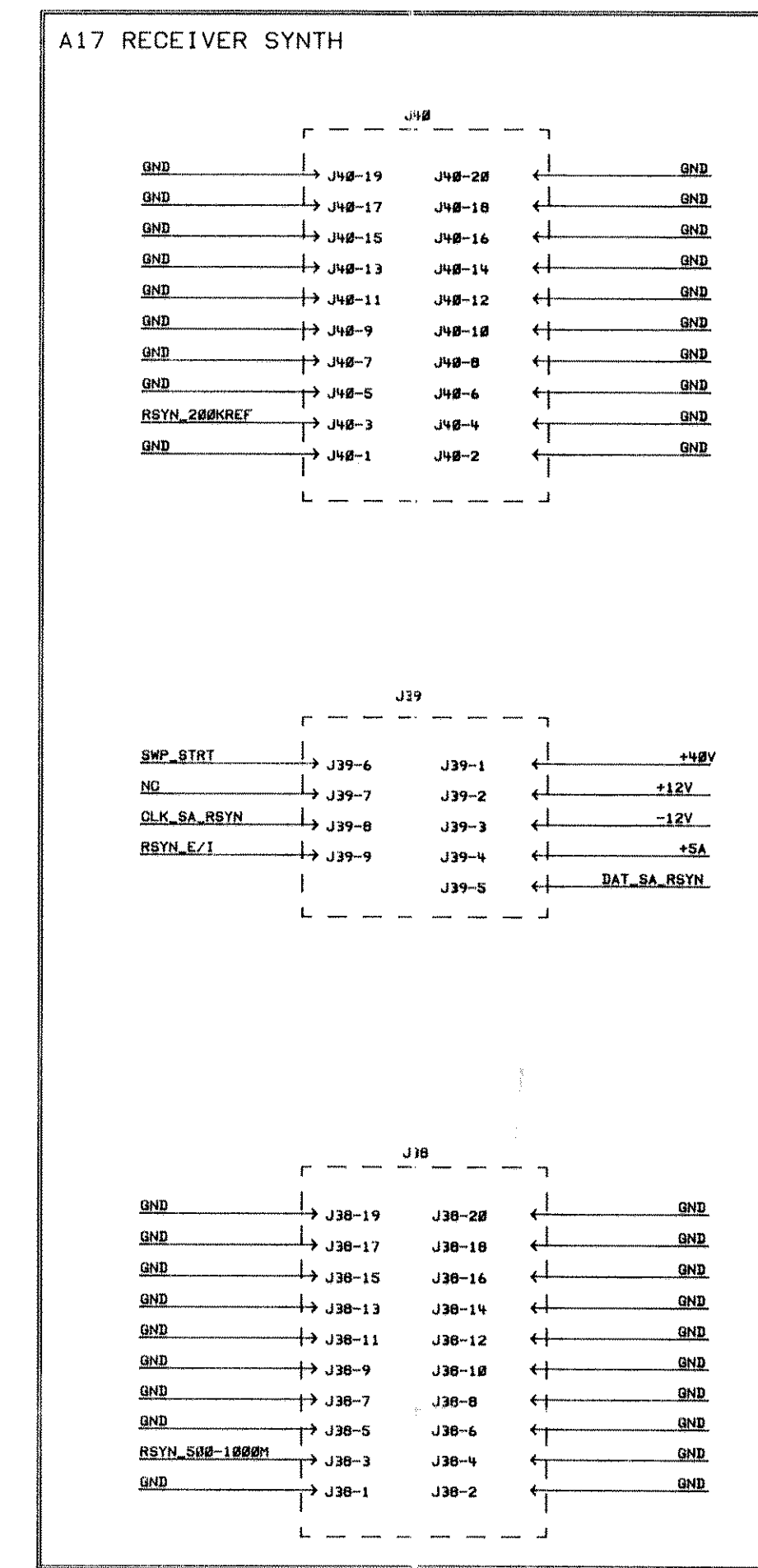
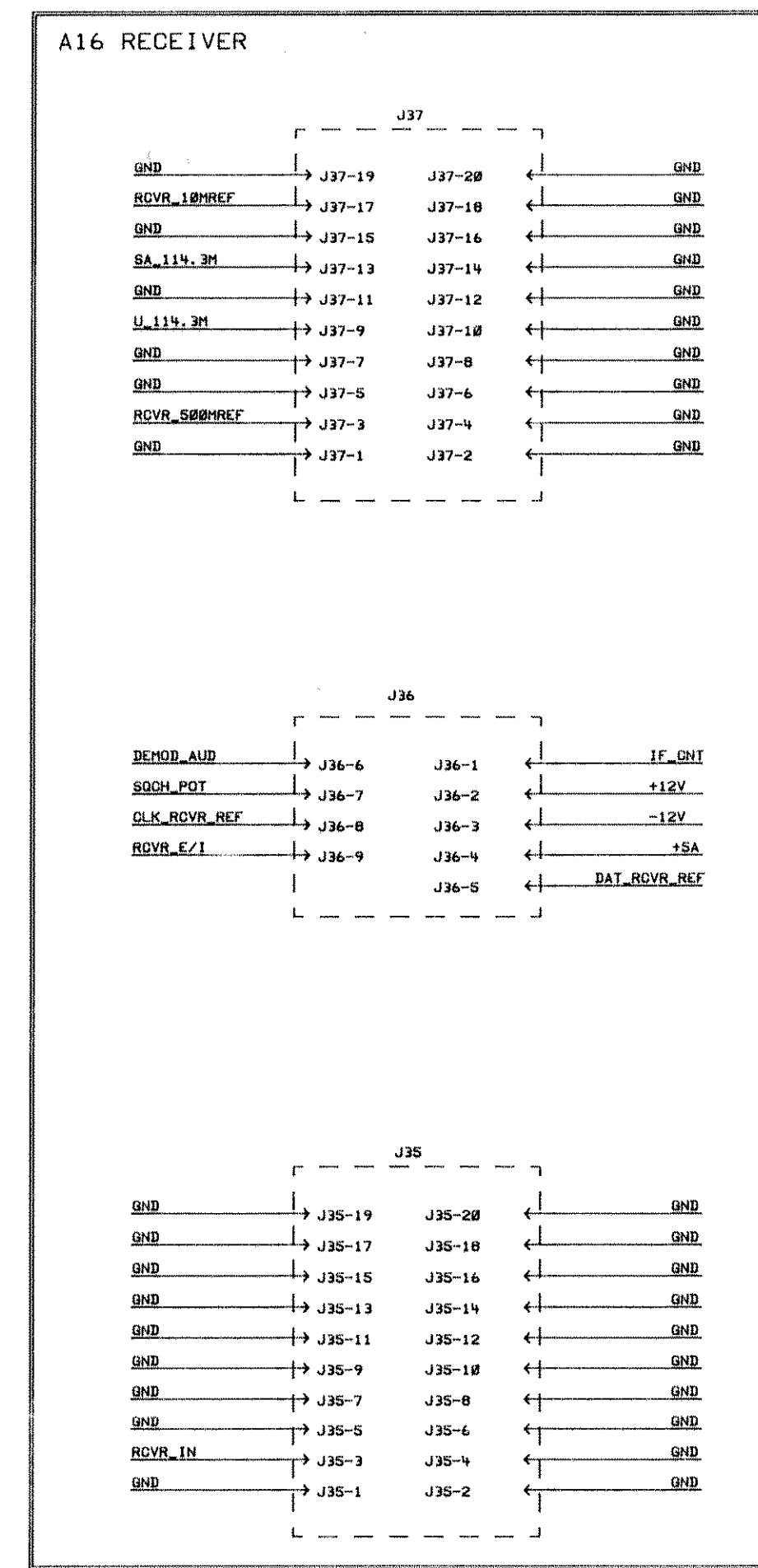
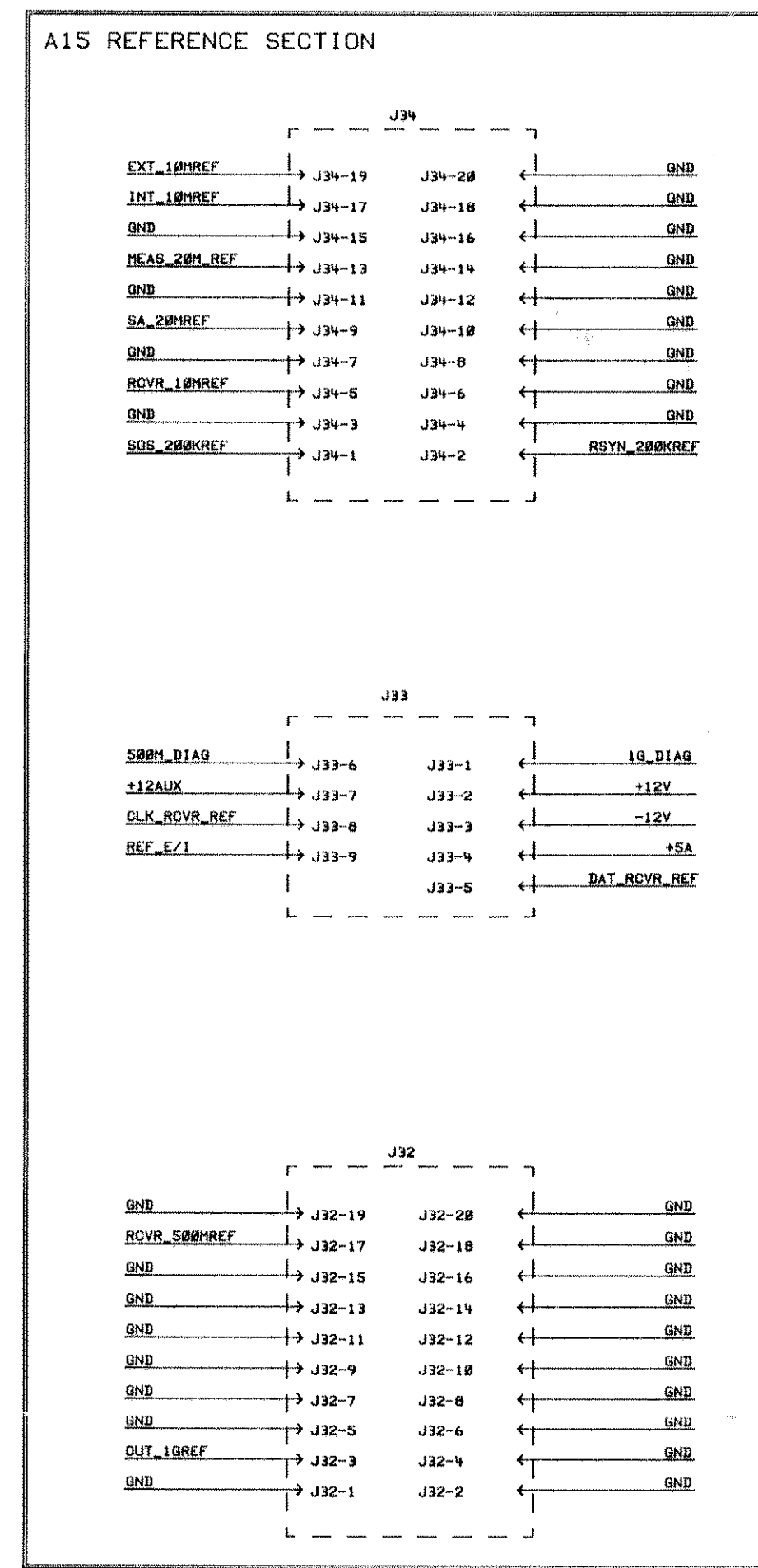
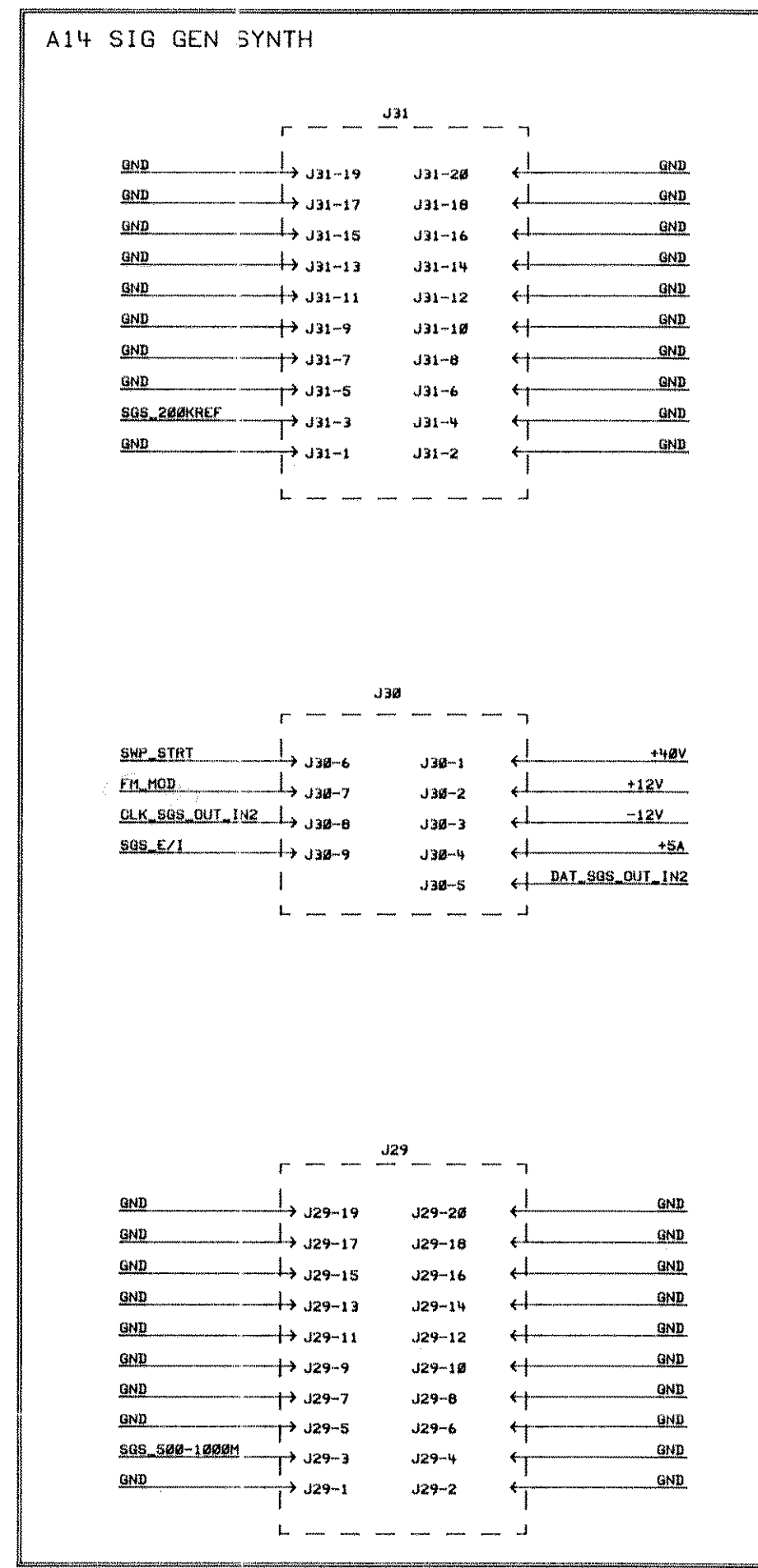
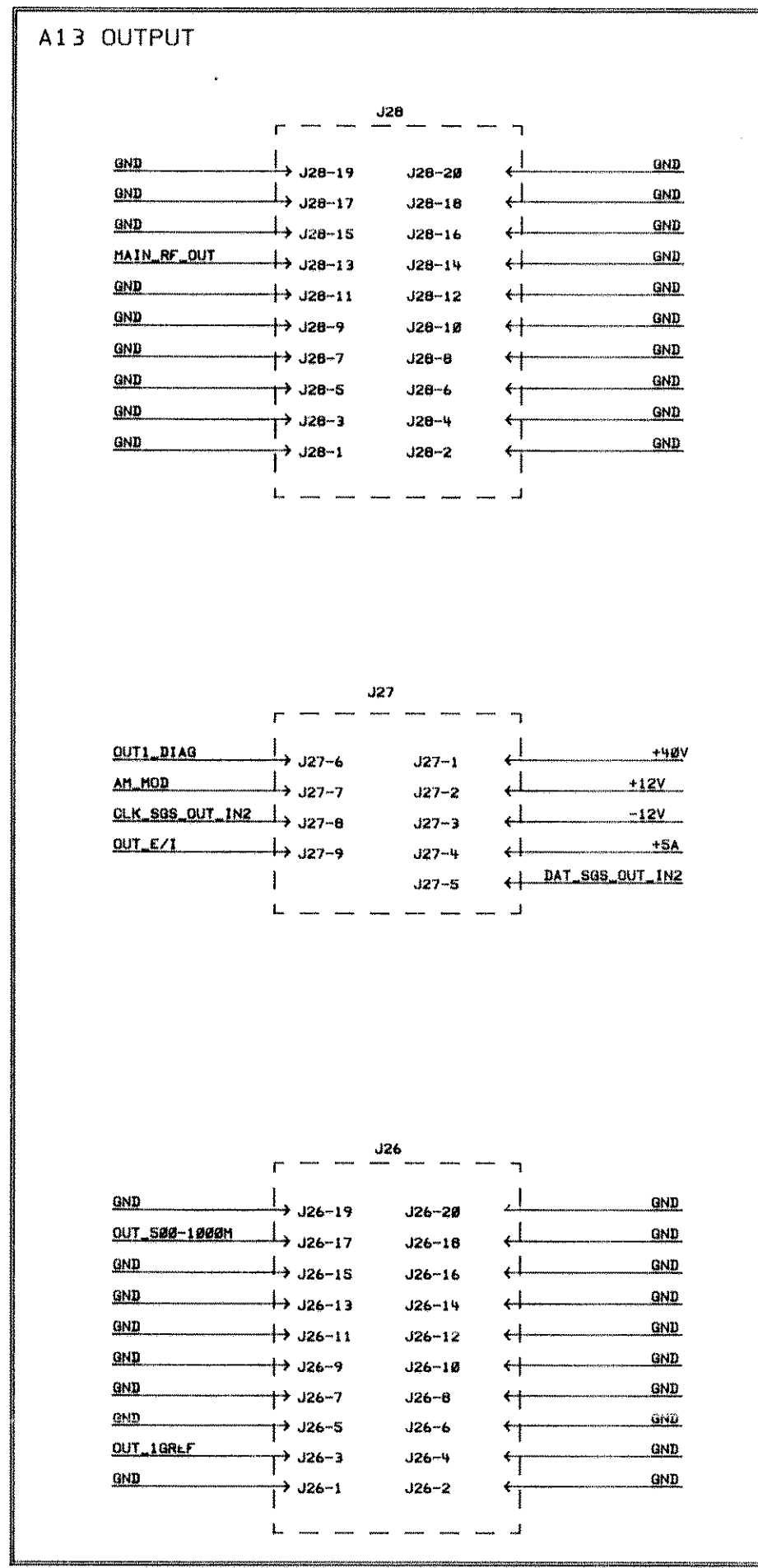
A25 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A25 (Cont'd)	08920-60128	REF	MOTHERBOARD	28480	08920-60128
A25J43	1252-3772	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	00779	535516-2
A25J44	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J45	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J46	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J47	1252-2878	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	00779	87-5189-001-4
A25J49	1252-3788	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	00779	104681-1
A25J50	1252-3773	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	00779	535516-1
A25J51	1252-1889	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	15912	609-2427
A25J52	1250-1842	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	00779	227677-1
A25J53	5021-2826	1	CONNECTOR	28480	5021-2826
A25L1	9140-1068	1	INDUCTOR 1.5MH +-15%	14778	RLS-1283-1500
A25L2	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A25L3	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A25L4	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A25L5	9100-3922	1	XFMR-ISOLATION PRI 120/208V	28480	9100-3922
A25R1	2100-0649	1	RES-V SS 20K +-10% LIN	12697	73U4G036L203U
A25R2	2100-0649	1	RES-V SS 20K +-10% LIN	12697	73U4G036L203U
A25R3	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	81349	RNC50K1003FS
A25R4	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	81349	RNC50K1003FS
A25R5	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	81349	RNC50K1003FS
A25	08920-21002	12	PIN, GUIDE	28480	08920-21002
A25	1251-2194	3	CONTACT-SGL CONT SKT 0.021-IN-BASIC-SIZE	00779	3-331272-0
A25	1251-5595	4	POLARIZING KEY-POST CONN	53387	3518
A25	5001-5566	2	SHIELD, ELECTRICAL	28480	5001-5566
A25	5001-5572	7	SHIELD, ELECTRICAL	28480	5001-5572
A25	5001-5573	6	SHIELD, ELECTRICAL	28480	5001-5573
A25	5001-5583	12	SHIELDING GASKET, ELECTRONIC	28480	5001-5583
A25	5001-5584	12	SHIELDING GASKET, ELECTRONIC	28480	5001-5584



08920-60328

SYN	REVISIONS	APPROVED	DATE
A	AS ISSUED W/CHGS PC 10-7320.		9/28/92



A25

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DRAWN BY	DATE	04-06-92	SCHEMATIC, PWA 8920 MOTHERBOARD	s2ba1328 FILENAME
ENGINEER/CHECKER	DATE	04-06-92		
RELEASE TO PROD.	DATE	9-28-92	SHEET 2 OF 2	08920-60328 PART NUMBER
SUPERSEDES DWG.	DATE			

Component-Level Information Packet

A26

TERMINATOR

08920-60140

8920A COMPONENT LEVEL INFORMATION ERRATA

A26 Terminator

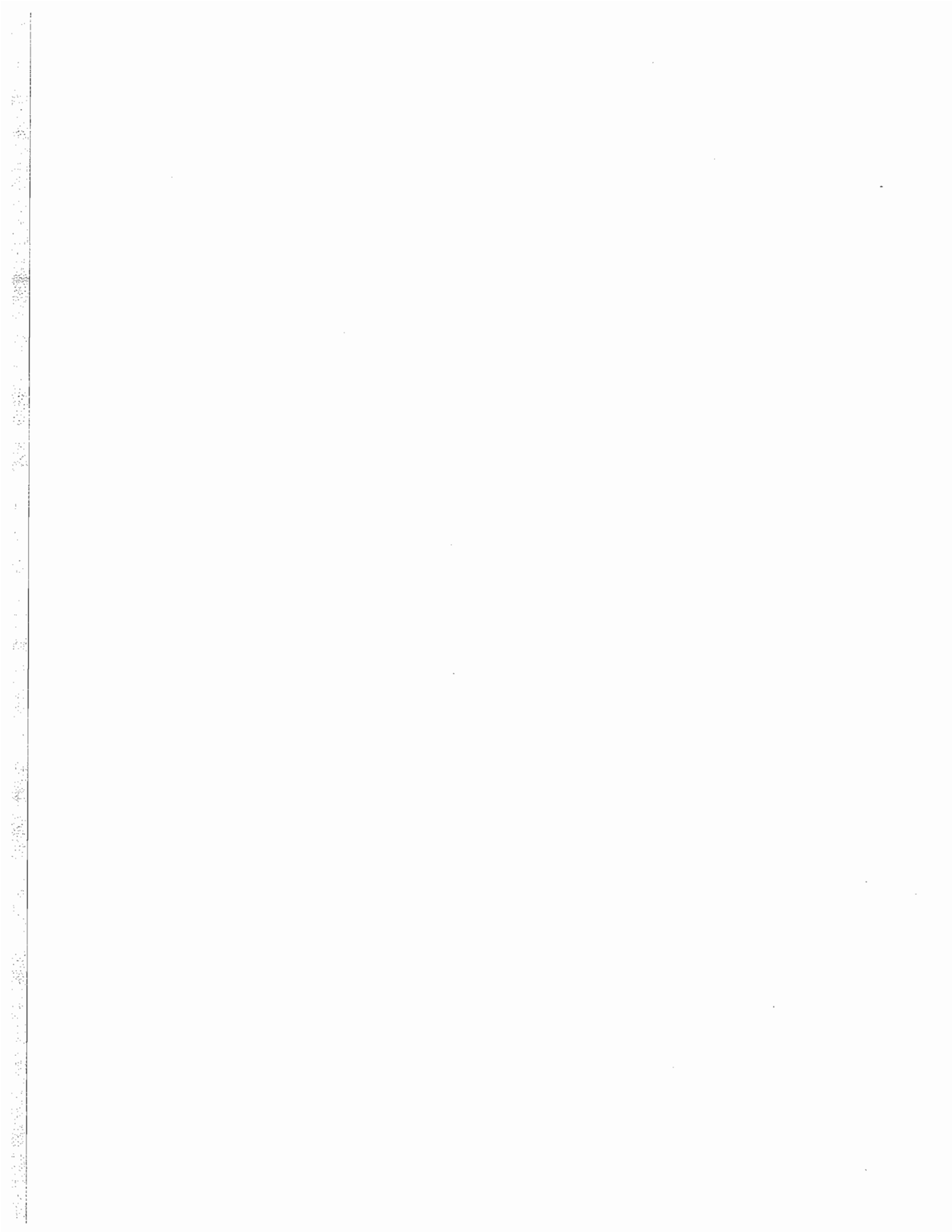
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TERMINATOR (EXCEPT OPTION 002)

Change title page part number to:
08920-61040

Change A26 to:
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A25, 08920-60161-1, REF, TERMINATOR SCHEMATIC DIAGRAM
A25, 08920-60161-2, REF, TERMINATOR COMPONENT LOCATOR

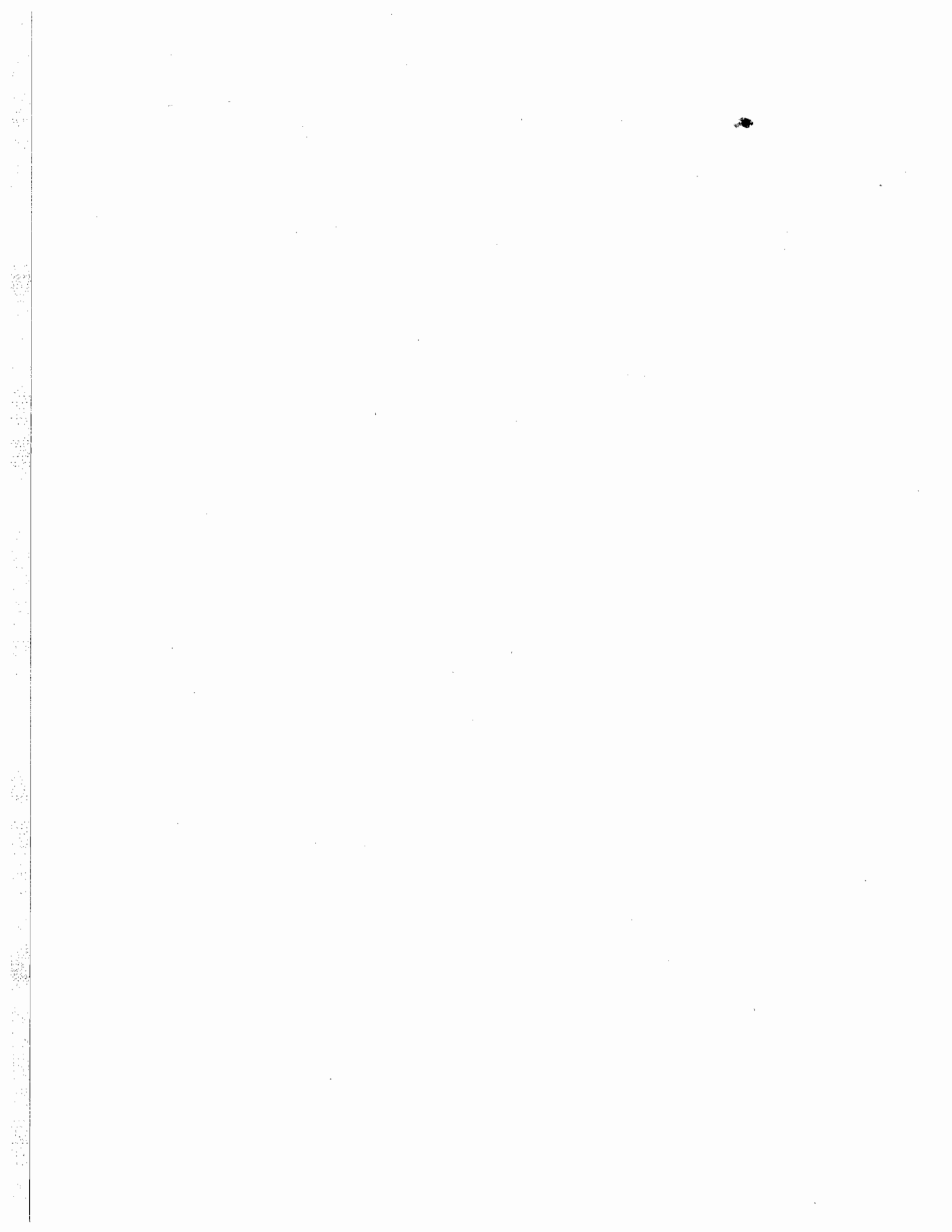
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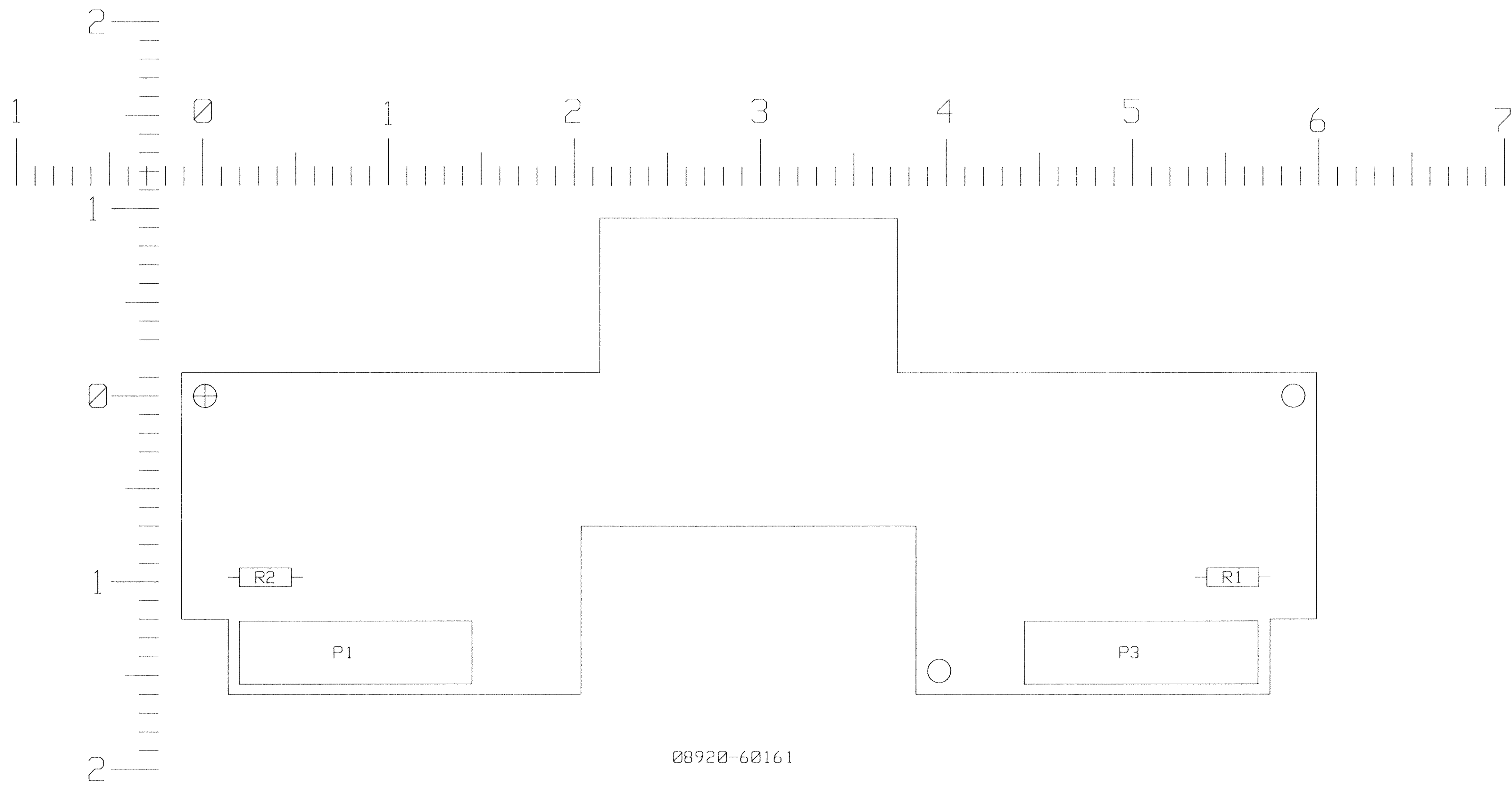
Add 0515-0655 to A25:
A25, 0515-0655, 6, SCR-MACH M3X.5 8MM-LG T10, 28480, 0515-0655



A26 Replaceable Parts

Reference Designation	Part Number	Qty	Description	CAGE Code	Mfr Part Number
A26	08920-60140	1	TERMINATOR (New)	28480	08920-60140
A26	08920-60161-1	REF	TERMINATOR SCHEMATIC DIAGRAM		
A26	08920-60161-2	REF	TERMINATOR COMPONENT LOCATOR		
A26P1	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A26P3	1251-8666	1	CONN-POST TYPE .100-PIN-SPCG 20-CONT	28480	1251-8666
A26R1	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	81349	RNC50K51R1FS
A26R2	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	81349	RNC50K51R1FS
A26	0515-1753	6	SCREW-MACH M3 X 0.5 8MM-LG	28480	0515-1753
A26	08920-40009	2	EXTRACTOR, ELECTRICAL CARD	28480	08920-40009
A26	08920-40016	2	RETAINER, EXTRACTOR	28480	08920-40016
A26	5061-4836	1	HOUSING, CCA	28480	5061-4836

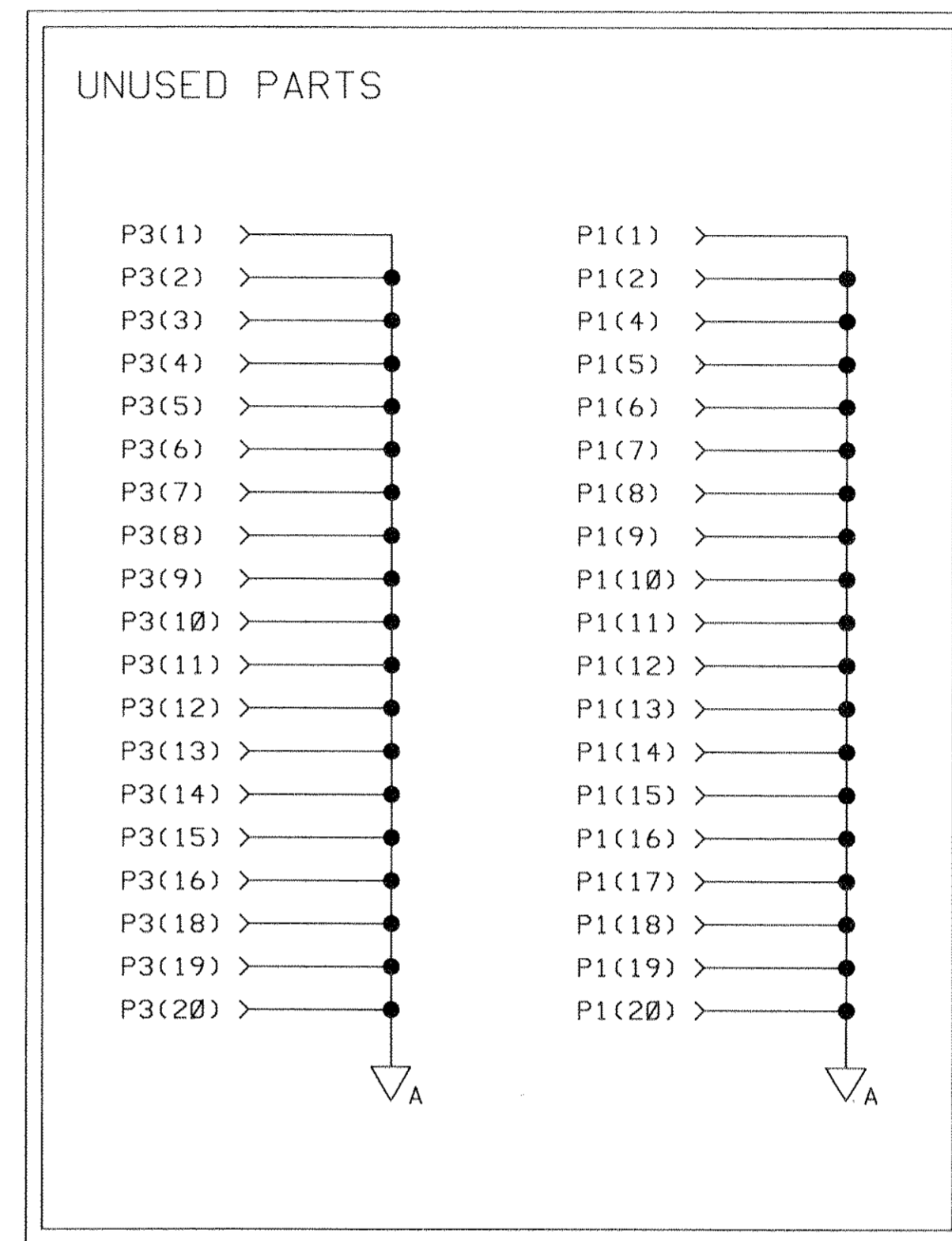
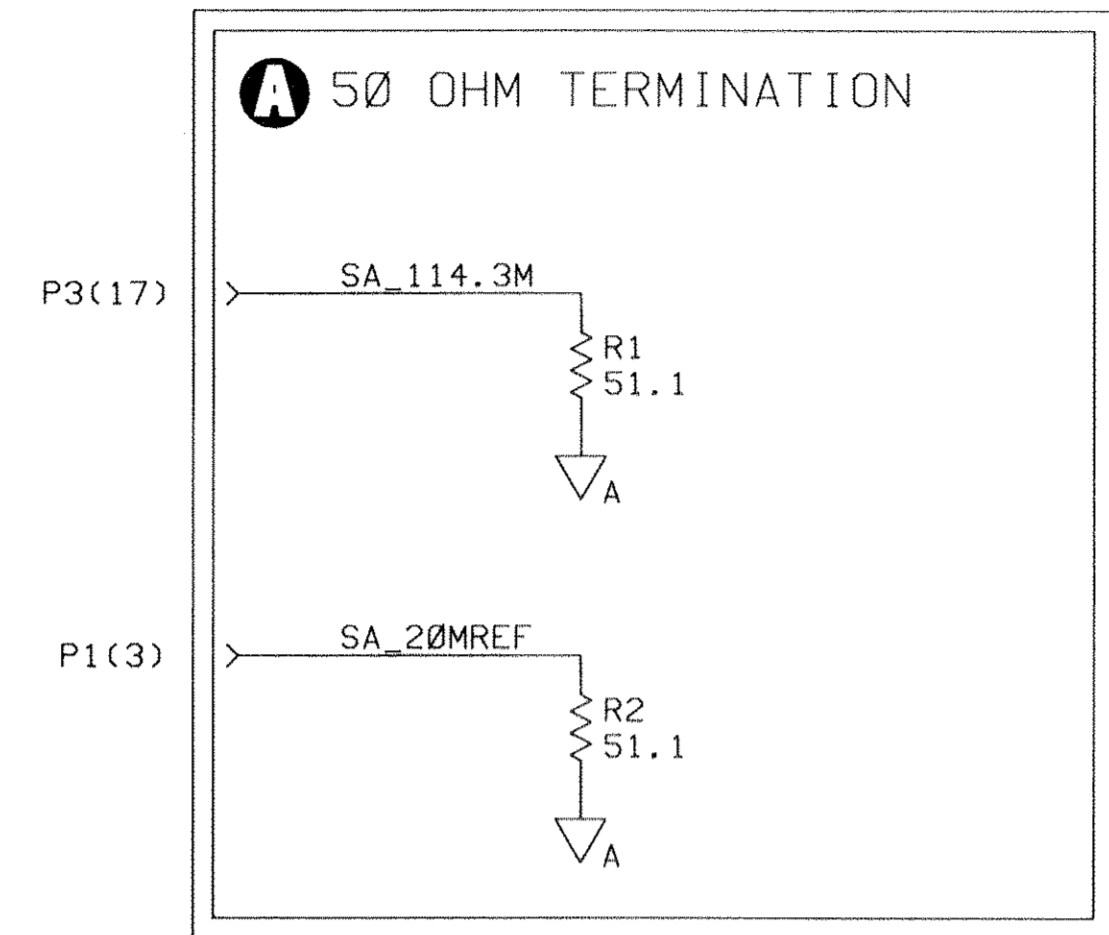




ENGINEERING RESPONSIBILITY													SEPIA				
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16	17	18	19	20	21	22	23	25	29	30	32	33	38	43			
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A-031991-10 | B - 08920 - 60161 - 1

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A26

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DRAWN BY	14MAR90	SCHEMATIC		
DATE		50 OHM TERMINATION		
ENGINEER	14MAR90	TITLE		
RELEASE TO PROD.	9APR91	NEXT ASSEMBLY		PART NUMBER 08920-60161
SUPERSEDES DWG.		FINISH	SCALE	B - 08920 - 60161 - 1